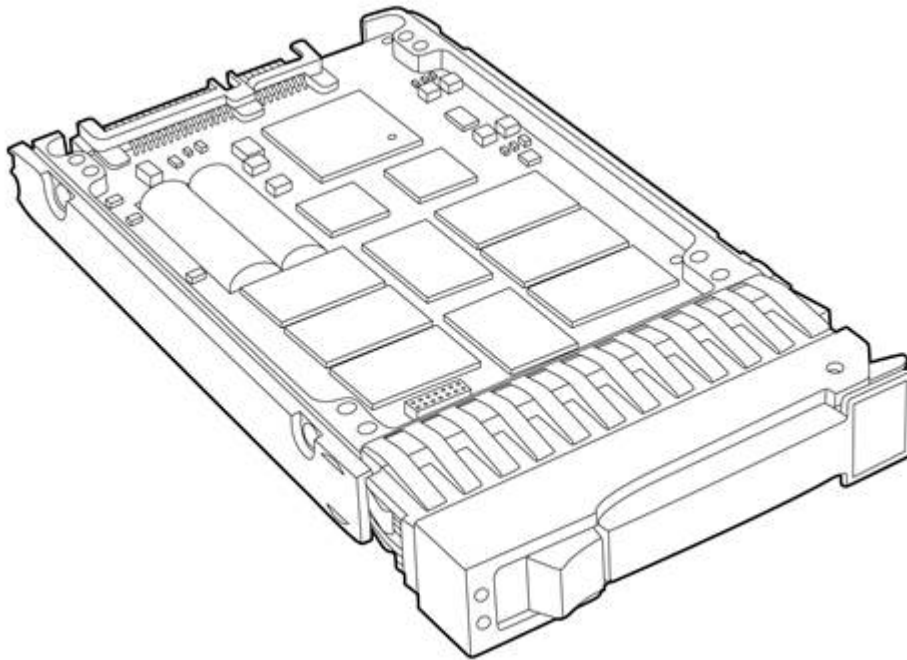


Overview

HPE Solid State Drives (SSD)

HPE Solid State Drives (SSDs) deliver exceptional performance and endurance for customers with applications requiring high random read IOPs performance. Leveraging NAND Flash technology, they support HPE ProLiant servers, HPE Synergy and server storage platforms. They are generally available as Small Form Factor (SFF) and Large Form Factor (LFF) hot plug devices, non-hot plug SFF devices, and SFF Quick Release devices. These drives deliver higher performance, lower latency, and more power-efficient solutions when compared with traditional rotating media. Plus they fit seamlessly into the existing HPE server infrastructure.



What's New

- HPE 6G SATA Read Intensive (RI) SSDs – Available in capacities 240GB, 480GB, 960GB, 1.92TB, & 3.8TB with Digitally Signed Firmware
- Introducing the HPE Solid-State Drive Selector Tool – an online tool to assist with determining the best SSD fit for specific requirements <http://ssd.hpe.com/>

Models

SSD Selection

To streamline the configuration process for HPE ProLiant Gen9 servers and to provide the best product availability, HPE recommends SSDs from the list located here: <https://ssd.hpe.com/recommend>

To further assist with configuration, HPE also offers an SSD Selector Tool located here: <http://ssd.hpe.com/>

Models

HPE Solid State Drives (SSD)

6G SATA Read Intensive Hot Plug SFF (2.5-inch) SSDs

NOTE: These drives support Gen9 servers only.

HPE 240GB SATA 6G Read Intensive SFF (2.5in) SC 3yr Wty Digitally Signed Firmware SSD	868814-B21
HPE 480GB SATA 6G Read Intensive SFF (2.5in) SC 3yr Wty Digitally Signed Firmware SSD	868818-B21
HPE 960GB SATA 6G Read Intensive SFF (2.5in) SC 3yr Wty Digitally Signed Firmware SSD	868822-B21
HPE 1.92TB SATA 6G Read Intensive SFF (2.5in) SC 3yr Wty Digitally Signed Firmware SSD	868826-B21
HPE 3.8TB SATA 6G Read Intensive SFF (2.5in) SC 3yr Wty Digitally Signed Firmware SSD	868830-B21

NOTE: These drives support Gen9 servers only.

HPE 240GB SATA 6G Read Intensive SFF (2.5in) SC 3yr Wty SSD	872853-B21
HPE 480GB SATA 6G Read Intensive SFF (2.5in) SC 3yr Wty SSD	872855-B21
HPE 960GB 6G SATA Read Intensive SFF (2.5in) SC 1yr Warranty Solid State Drive	871768-B21
HPE 1.92TB 6G SATA Read Intensive SFF (2.5in) SC 1yr Warranty Solid State Drive	871770-B21

NOTE: These drives support Gen8 servers and beyond only.

HP 3.84TB 6G SATA Read Intensive-3 SFF 2.5-in SC 3yr Wty Solid State Drive	816929-B21
HP 1.6TB 6G SATA Read Intensive-2 SFF 2.5-in SC 3yr Wty Solid State Drive	804605-B21
HP 1.6TB 6G SATA Value Endurance SFF 2.5-in SC Enterprise Value 3yr Wty Solid State Drive	757339-B21

NOTE: These drives support G7 servers only.

HP 1.6TB 6G SATA Value Endurance SFF 2.5-in Enterprise Value 3yr Wty Solid State Drive	757351-B21
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NOTE: These drives support Gen8 servers and beyond only.

HP 800GB 6G SATA Read Intensive-2 SFF 2.5-in SC 3yr Wty Solid State Drive	804599-B21
HP 800GB 6G SATA Value Endurance SFF 2.5-in SC Enterprise Value 3yr Wty Solid State Drive	717973-B21

NOTE: These drives support G7 servers only.

HP 480GB 6G SATA Read Intensive-2 SFF 2.5-in SC 3yr Wty Solid State Drive	804593-B21
HP 480GB 6G SATA Read Intensive SFF 2.5-in SC 3yr Wty Solid State Drive	789145-B21
HP 480GB 6G SATA Value Endurance SFF 2.5-in SC Enterprise Value 3yr Wty Solid State Drive	717971-B21

NOTE: These drives support G7 servers only.

HP 480GB 6G SATA Read Intensive SFF 2.5-in 3yr Wty Solid State Drive	789151-B21
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NOTE: This drive supports Gen8 servers and beyond only.

HP 600GB 6G SATA Value Endurance SFF 2.5-in SC Enterprise Value 3yr Wty Solid State Drive	739898-B21
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NOTE: This drive supports Gen8 servers and beyond only.

HP 300GB 6G SATA Value Endurance SFF 2.5-in SC Enterprise Value 3yr Wty Solid State Drive	739888-B21
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NOTE: This drive supports G7 servers only.

HP 240GB 6G SATA Read Intensive-2 SFF 2.5-in SC 3yr Wty Solid State Drive	804587-B21
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Models

HP 240GB 6G SATA Value Endurance SFF 2.5-in SC Enterprise Value 3yr Wty Solid State Drive 717969-B21

NOTE: This drives supports G7 servers only.

HP 120GB 6G SATA Read Intensive-2 SFF 2.5-in SC 3yr Wty Solid State Drive 804581-B21

HP 120GB 6G SATA Value Endurance SFF 2.5-in SC Enterprise Boot 3yr Wty Solid State Drive 717965-B21

NOTE: This drive supports G7 servers only.

HP 80GB 6G SATA Read Intensive-2 SFF 2.5-in SC 3yr Wty Solid State Drive 804575-B21

HP 80GB 6G SATA Value Endurance SFF 2.5-in SC Enterprise Boot 3yr Wty Solid State Drive 734360-B21

NOTE: This drive supports G7 servers only.

6G SATA Read Intensive Hot Plug LFF (3.5-inch) SSDs

NOTE: These drives support Gen9 servers only.

HPE 480GB SATA 6G Read Intensive LFF (3.5in) LPC 3yr Wty Digitally Signed Firmware SSD 869056-B21

HPE 1.92TB SATA 6G Read Intensive LFF (3.5in) LPC 3yr Wty Digitally Signed Firmware SSD 869058-B21

NOTE: These drives support Gen8 servers and beyond only.

HP 3.84TB 6G SATA Read Intensive-3 LFF 3.5-in SC Converter 3yr Wty Solid State Drive 816933-B21

HP 1.6TB 6G SATA Read Intensive-2 LFF 3.5-in SCC 3yr Wty Solid State Drive 804608-B21

HP 1.6TB 6G SATA Value Endurance LFF 3.5-in SC Converter Enterprise Value 3yr Wty Solid State Drive 757342-B21

NOTE: These drive support G7 servers only.

NOTE: These drives support Gen8 servers and beyond only.

HP 800GB 6G SATA Read Intensive-2 LFF 3.5-in SCC 3yr Wty Solid State Drive 804602-B21

HP 800GB 6G SATA Value Endurance LFF 3.5-in SC Enterprise Value 3yr Wty Solid State Drive 718189-B21

NOTE: These drives support Gen8 servers and beyond only.

HP 480GB 6G SATA Read Intensive-2 LFF 3.5-in SCC 3yr Wty Solid State Drive 804596-B21

HP 480GB 6G SATA Read Intensive LFF 3.5-in SC Converter 3yr Wty Solid State Drive 789147-B21

HP 480GB 6G SATA Value Endurance LFF 3.5-in SC Enterprise Value 3yr Wty Solid State Drive 718183-B21

NOTE: This drive supports G7 servers only.

HP 300GB 6G SATA Value Endurance LFF 3.5-in SC Converter Enterprise Value 3yr Wty Solid State Drive 739890-B21

NOTE: This drive supports Gen8 servers and beyond only.

HP 240GB 6G SATA Read Intensive-2 LFF 3.5-in SCC 3yr Wty Solid State Drive 804590-B21

HP 240GB 6G SATA Value Endurance LFF 3.5-in SC Enterprise Value 3yr Wty Solid State Drive 718177-B21

NOTE: This drive supports G7 servers only.

HP 120GB 6G SATA Read Intensive-2 LFF 3.5-in SCC 3yr Wty Solid State Drive 804584-B21

HP 120GB 6G SATA Value Endurance LFF 3.5-in SC Enterprise Boot 3yr Wty Solid State Drive 718171-B21

NOTE: This drive supports G7 servers only.

HP 80GB 6G SATA Read Intensive-2 LFF 3.5-in SCC 3yr Wty Solid State Drive 804578-B21

HP 80GB 6G SATA Value Endurance LFF 3.5-in SC Enterprise Boot 3yr Wty Solid State Drive 734362-B21

NOTE: This drive supports G7 servers only.

6G SATA Quick Release SSDs

NOTE: These drives are supported by the SL230s Gen8 and SL250s Gen8 only.

HP 120GB 6G SATA Value Endurance SFF 2.5-in Quick-release Enterprise Boot 3yr Wty Solid State Drive 718174-B21

Models

HP 80GB 6G SATA Value Endurance SFF 2.5-in Quick-release Enterprise Boot 3yr Wty Solid State Drive 734364-B21

NOTE: These drives are supported by the SL230s Gen8 and SL250s Gen8 only.

HP 800GB 6G SATA Value Endurance SFF 2.5-in Quick-release Enterprise Value 3y Wty Solid State Drive 718192-B21

HP 480GB 6G SATA Value Endurance SFF 2.5-in Quick-release Enterprise Value 3yr Wty Solid State Drive 718186-B21

HP 300GB 6G SATA Value Endurance SFF 2.5-in Quick-release Enterprise Value 3yr Wty Solid State Drive 739892-B21

NOTE: This drive also supports the Moonshot System.

HP 240GB 6G SATA Value Endurance SFF 2.5-in Quick-release Enterprise Value 3yr Wty Solid State Drive 718180-B21

12G SAS Read Intensive Hot Plug SFF (2.5-inch) SSDs

NOTE: These drives support Gen8 servers and beyond only.

HPE 3.84TB 12G SAS Read Intensive-3 SFF 2.5-in SC 3yr Wty Solid State Drive 816576-B21

NOTE: These drives support Gen8 servers and beyond only.

HP 1.92TB 12G SAS Read Intensive SFF 2.5-in SC 3yr Wty Solid State Drive 802891-B21

NOTE: These drives support G7 only.

HP 1.92TB 12G SAS Read Intensive SFF 2.5-in 3yr Wty Solid State Drive 802888-B21

NOTE: These drives support Gen8 servers and beyond only.

HP 1.6TB 12G SAS Value Endurance SFF 2.5-in SC Enterprise Value 3yr Wty Solid State Drive 762263-B21

NOTE: These drives support Gen8 servers and beyond only.

HP 800GB 12G SAS Value Endurance SFF 2.5-in SC Enterprise Value 3yr Wty Solid State Drive 762261-B21

12G SAS Read Intensive Hot Plug LFF (3.5-inch) SSDs

NOTE: These drives support Gen8 servers and beyond only.

HP 1.6TB 12G SAS Value Endurance LFF 3.5-in SC Enterprise Value 3yr Wty Solid State Drive 762272-B21

HP 800GB 12G SAS Value Endurance LFF 3.5-in SC Enterprise Value 3yr Wty Solid State Drive 762270-B21

Read Intensive Solid State M.2 Enablement Kit

NOTE: These drives are supported by ProLiant ML/DL Gen9 Servers.

HPE 340GB Read Intensive-2 Solid State M.2 Enablement Kit for ProLiant ML/DL Servers 835563-B21

HPE Dual 340GB Read Intensive-2 Solid State M.2 Enablement Kit for ProLiant ML/DL Servers 835565-B21

HP 120GB Value Endurance Solid State M.2 Enablement Kit for ProLiant ML/DL Servers 788028-B21

HP Dual 120GB Value Endurance Solid State M.2 Enablement Kit for ProLiant ML/DL Servers 777894-B21

NOTE: These drives are supported by the BL460c Gen9.

HPE 120GB Read Intensive-1 Solid State Drive M.2 Kit for ProLiant Blades 846495-B21

HPE Dual 120GB Read Intensive-1 Solid State Drive M.2 Kit for ProLiant Blades 846497-B21

HP Dual 64GB Value Endurance Solid State M.2 Enablement Kit for ProLiant Blades 775588-B21

HP 64GB Value Endurance Solid State M.2 Enablement Kit for ProLiant Blades 785233-B21

Read Intensive M.2 2280 SSD

NOTE: These drives are supported by SL4540 Gen9.

HP 120GB 6G SATA Read Intensive M.2 2280 3yr Wty Solid State Drive 777262-B21

HP 340GB 6G SATA Read Intensive M.2 2280 3yr Wty Solid State Drive 777264-B21

NVMe PCIe Read Intensive SSDs

NOTE: This drive supports DL380Gen9 only.

Models

HP 2TB NVMe PCIe Read Intensive SFF 2.5-in SC2 3yr Wty Solid State Drive 764908-B21

NOTE: These drives support DL360, DL380, DL560, DL580, and ML350 Gen9 only.

HP 1.6TB NVMe PCIe Mixed Use SFF 2.5-in SC2 3yr Wty Solid State Drive 765038-B21

HP 400GB NVMe PCIe Read Intensive SFF 2.5-in SC2 3yr Wty Solid State Drive 764904-B21

HPE Mixed Use (MU) SSDs

6G SATA Mixed Use Hot Plug SFF (2.5-inch) SSDs

NOTE: This drive supports Gen8 servers and beyond only.

HP 1.92TB 6G SATA Mixed Use-3 SFF 2.5-in SC 3yr Wty Solid State Drive 817011-B21

HP 1.6TB 6G SATA Mixed Use-2 SFF 2.5-in SC 3yr Wty Solid State Drive 804631-B21

NOTE: This drive supports Gen8 servers and beyond only.

HP 960GB 6G SATA Mixed Use-3 SFF 2.5-in SC 3yr Wty Solid State Drive 816995-B21

HP 960GB 6G SATA Light Endurance SFF 2.5-in SC Enterprise Light 3yr Wty G1 Solid State Drive 756601-B21

NOTE: These drives support Gen8 servers and beyond only.

HP 800GB 6G SATA Mixed Use-2 SFF 2.5-in SC 3yr Wty Solid State Drive 804625-B21

HP 800GB 6G SATA Value Endurance SFF 2.5-in SC Enterprise Value 3yr Wty M1 Solid State Drive 764929-B21

NOTE: These drives support Gen8 servers and beyond only.

HP 480GB 6G SATA Mixed Use-3 SFF 2.5-in SC 3yr Wty Solid State Drive 816985-B21

HP 480GB 6G SATA Mixed Use-2 SFF 2.5-in SC 3yr Wty Solid State Drive 832414-B21

HP 480GB 6G SATA Value Endurance SFF 2.5-in SC Enterprise Value 3yr Wty M1 Solid State Drive 764927-B21

HP 480GB 6G SATA Value Endurance SFF 2.5-in SC Enterprise Value 3yr Wty G1 Solid State Drive 756657-B21

NOTE: These drives support G7 servers only.

HP 480GB 6G SATA Value Endurance SFF 2.5-in Enterprise Value 3yr Wty M1 Solid State Drive 764918-B21

HP 480GB 6G SATA Value Endurance SFF 2.5-in Enterprise Value 3yr Wty G1 Solid State Drive 756666-B21

NOTE: These drives support Gen8 servers and beyond only.

HP 240GB 6G SATA Value Endurance SFF 2.5-in SC Enterprise Value 3yr Wty M1 Solid State Drive 764925-B21

HP 240GB 6G SATA Value Endurance SFF 2.5-in SC Enterprise Value 3yr Wty G1 Solid State Drive 756636-B21

NOTE: These drives support G7 servers only.

HP 240GB 6G SATA Value Endurance SFF 2.5-in Enterprise Value 3yr Wty M1 Solid State Drive 764916-B21

HP 240GB 6G SATA Value Endurance SFF 2.5-in Enterprise Value 3yr Wty G1 Solid State Drive 756651-B21

NOTE: These drives support Gen8 servers and beyond only.

HP 200GB 6G SATA Mixed Use-2 SFF 2.5-in SC 3yr Wty Solid State Drive 804613-B21

NOTE: These drives support Gen8 servers and beyond only.

HP 120GB 6G SATA Value Endurance SFF 2.5-in SC Enterprise Value 3yr Wty M1 Solid State Drive 764923-B21

HP 120GB 6G SATA Value Endurance SFF 2.5-in SC Enterprise Value 3yr Wty G1 Solid State Drive 756621-B21

Models

NOTE: These drives support G7 servers only.

HP 120GB 6G SATA Value Endurance SFF 2.5-in Enterprise Value 3yr Wty M1 Solid State Drive 764914-B21

HP 120GB 6G SATA Value Endurance SFF 2.5-in Enterprise Value 3yr Wty G1 Solid State Drive 756630-B21

6G SATA Mixed Use Hot Plug LFF (3.5-inch) SSDs

NOTE: This drive supports Gen8 servers and beyond only.

HP 1.6TB 6G SATA Mixed Use-2 LFF 3.5-in SCC 3yr Wty Solid State Drive 804634-B21

NOTE: This drive supports Gen8 servers and beyond only.

HP 960GB 6G SATA Mixed Use-3 LFF 3.5-in SC Converter 3yr Wty Solid State Drive 816999-B21

HP 800GB 6G SATA Mixed Use-2 LFF 3.5-in SCC 3yr Wty Solid State Drive 804628-B21

HP 800GB 6G SATA Value Endurance LFF 3.5-in SC Converter ENT Value 3yr Wty M1 Solid State Drive 764945-B21

NOTE: This drive supports Gen8 servers and beyond only.

HP 480GB 6G SATA Mixed Use-3 LFF 3.5-in SC Converter 3yr Wty Solid State Drive 816989-B21

HP 480GB 6G SATA Mixed Use-2 LFF 3.5-in SCC 3yr Wty Solid State Drive 832417-B21

HP 480GB 6G SATA Value Endurance LFF 3.5-in SC Converter ENT Value 3yr Wty M1 Solid State Drive 764943-B21

HP 480GB 6G SATA Value Endurance LFF 3.5-in SC Converter ENT Value 3yr Wty G1 Solid State Drive 756660-B21

NOTE: This drive supports Gen8 servers and beyond only.

HP 240GB 6G SATA Value Endurance LFF 3.5-in SC Converter ENT Value 3yr Wty M1 Solid State Drive 764941-B21

HP 240GB 6G SATA Value Endurance LFF 3.5-in SC Converter ENT Value 3yr Wty G1 Solid State Drive 756639-B21

NOTE: This drive supports Gen8 servers and beyond only.

HP 200GB 6G SATA Mixed Use-2 LFF 3.5-in SCC 3yr Wty Solid State Drive 804616-B21

NOTE: This drive supports Gen8 servers and beyond only.

HP 120GB 6G SATA Value Endurance LFF 3.5-in SC Converter ENT Value 3yr Wty M1 Solid State Drive 764939-B21

HP 120GB 6G SATA Value Endurance LFF 3.5-in SC Converter ENT Value 3yr Wty G1 Solid State Drive 756624-B21

6G SATA Mixed Use Non-hot Plug SFF (2.5-inch) SSDs

NOTE: These drives are supported by Gen9, Gen8, and G7 only.

HP 480GB 6G SATA Value Endurance SFF 2.5-in ENT Value 3yr Wty Non-hot Plug G1 Solid State Drive 756669-B21

HP 240GB 6G SATA Value Endurance SFF 2.5-in ENT Value 3yr Wty Non-hot Plug G1 Solid State Drive 756654-B21

HP 120GB 6G SATA Value Endurance SFF 2.5-in ENT Value 3yr Wty Non-hot Plug G1 Solid State Drive 756633-B21

6G SATA Quick-release SFF (2.5-inch) SSDs

NOTE: These drives are supported by the SL230s Gen8 and SL250s Gen8 only.

HP 480GB 6G SATA Value Endurance SFF 2.5-in Quick-release ENT Value 3yr Wty M1 Solid State Drive 764951-B21

HP 240GB 6G SATA Value Endurance SFF 2.5-in Quick-release ENT Value 3yr Wty M1 Solid State Drive 764949-B21

Models

HP 120GB 6G SATA Value Endurance SFF 2.5-in Quick-release ENT Value 3yr Wty M1 Solid State Drive 764947-B21

NOTE: These drives are supported by select SL Gen9, Gen8, and G7 servers only.

HP 480GB 6G SATA Value Endurance SFF 2.5-in Quick-release ENT Value 3yr Wty G1 Solid State Drive 756663-B21

HP 240GB 6G SATA Value Endurance SFF 2.5-in Quick-release ENT Value 3yr Wty G1 Solid State Drive 756642-B21

HP 120GB 6G SATA Value Endurance SFF 2.5-in Quick-release ENT Value 3yr Wty G1 Solid State Drive 756627-B21

12G SAS Mixed Use Hot Plug SFF (2.5-inch) SSDs

NOTE: These drives support Gen8 servers and beyond only.

HPE 3.2TB 12G SAS Mixed Use-3 SFF 2.5-in SC 3yr Wty Solid State Drive 822567-B21

NOTE: These drives support Gen8 servers and beyond only.

HPE 1.6TB 12G SAS Mixed Use-1 SFF (2.5in) SC 3yr Wty Solid State Drive 846436-B21

NOTE: These drives support Gen8 servers and beyond only.

HPE 800GB 12G SAS Mixed Use-1 SFF (2.5in) SC 3yr Wty Solid State Drive 846434-B21

NOTE: These drives support Gen8 servers and beyond only.

HPE 400GB 12G SAS Mixed Use-3 SFF 2.5-in SC 3yr Wty Solid State Drive 822555-B21

NVMe PCIe Mixed Use SSDs

NOTE: These drives support DL380 Gen9 only.

HP 2TB NVMe PCIe Mixed Use SFF 2.5-in SC2 3yr Wty Solid State Drive 765044-B21

NOTE: This drive supports DL360, DL380, DL560, and DL580 Gen9 only.

HP 1.6TB NVMe PCIe Mixed Use SFF 2.5-in SC2 3yr Wty Solid State Drive 765038-B21

NOTE: These drives support DL360, DL380, DL560, DL580, and ML350 Gen9 only.

HP 800GB NVMe PCIe Mixed Use SFF 2.5-in SC2 3yr Wty Solid State Drive 765036-B21

HP 400GB NVMe PCIe Mixed Use SFF 2.5-in SC2 3yr Wty Solid State Drive 765034-B21

HPE Write Intensive (WI) SSDs

6G SATA Write Intensive Hot Plug SFF (2.5-inch) SSDs

NOTE: This drive supports Gen8 servers and beyond only.

HP 1.2TB 6G SATA Write Intensive-2 SFF 2.5-in SC 3yr Wty Solid State Drive 804677-B21

NOTE: This drive supports Gen8 servers and beyond only.

HP 800GB 6G SATA Write Intensive-2 SFF 2.5-in SC 3yr Wty Solid State Drive 804671-B21

HP 800GB 6G SATA Mainstream Endurance SFF 2.5-in SC Enterprise Mainstream 3yr Wty Solid State Drive 691868-B21

NOTE: This drive supports G7 servers only.

HP 800GB 6G SATA Mainstream Endurance SFF 2.5-in Enterprise Mainstream 3yr Wty Solid State Drive 730065-B21

NOTE: This drive supports Gen8 servers and beyond only.

HP 400GB 6G SATA Write Intensive-2 SFF 2.5-in SC 3yr Wty Solid State Drive 804665-B21

HP 400GB 6G SATA Mainstream Endurance SFF 2.5-in SC Enterprise Mainstream 3yr Wty Solid State Drive 691866-B21

NOTE: This drive supports G7 servers only.

HP 400GB 6G SATA Mainstream Endurance SFF 2.5-in Enterprise Mainstream 3yr Wty Solid State Drive 730063-B21

NOTE: This drive supports Gen8 servers and beyond only.

HP 200GB 6G SATA Write Intensive-2 SFF 2.5-in SC 3yr Wty Solid State Drive 804639-B21

Models

HP 200GB 6G SATA Mainstream Endurance SFF 2.5-in SC Enterprise Mainstream 3yr Wty Solid State Drive 691864-B21

NOTE: These drives support G7 servers only.

HP 200GB 6G SATA Mainstream Endurance SFF 2.5-in Enterprise Mainstream 3yr Wty Solid State Drive 730061-B21

NOTE: This drive supports Gen8 servers and beyond only.

HP 100GB 6G SATA Mainstream Endurance SFF 2.5-in SC Enterprise Mainstream 3yr Wty Solid State Drive 691862-B21

NOTE: These drives support G7 servers only.

HP 100GB 6G SATA Mainstream Endurance SFF 2.5-in Enterprise Mainstream 3yr Wty Solid State Drive 730059-B21

6G SATA Write Intensive Hot Plug LFF (3.5-inch) SSDs

NOTE: This drive supports Gen8 servers and beyond only.

HP 1.2TB 6G SATA Write Intensive-2 LFF 3.5-in SCC 3yr Wty Solid State Drive 804680-B21

HP 800GB 6G SATA Write Intensive-2 LFF 3.5-in SCC 3yr Wty Solid State Drive 804674-B21

NOTE: This drive supports Apollo Gen9 servers and beyond only.

HP 800GB 6G SATA Write Intensive-2 LFF 3.5-in LPC 3yr Wty Solid State Drive 831725-B21

NOTE: These drives support Gen8 servers and beyond only.

HP 400GB 6G SATA Write Intensive-2 LFF 3.5-in SCC 3yr Wty Solid State Drive 804668-B21

HP 400GB 6G SATA Mainstream Endurance LFF 3.5-in SC Enterprise Mainstream 3yr Wty Solid State Drive 691856-B21

HP 200GB 6G SATA Write Intensive-2 LFF 3.5-in SCC 3yr Wty Solid State Drive 804642-B21

HP 200GB 6G SATA Mainstream Endurance LFF 3.5-in SC Enterprise Mainstream 3yr Wty Solid State Drive 691854-B21

HP 100GB 6G SATA Mainstream Endurance LFF 3.5-in SC Enterprise Mainstream 3yr Wty Solid State Drive 691852-B21

6G SATA Quick-release SFF (2.5-inch) SSDs

NOTE: These drives are supported by the SL230s Gen8 and SL250s Gen8 only.

HP 800GB 6G SATA Mainstream Endurance SFF 2.5-in QR Enterprise Mainstream 3yr Wty Solid State Drive 730057-B21

HP 400GB 6G SATA Mainstream Endurance SFF 2.5-in QR Enterprise Mainstream 3yr Wty Solid State Drive 730055-B21

HP 200GB 6G SATA Mainstream Endurance SFF 2.5-in QR Enterprise Mainstream 3yr Wty Solid State Drive 730053-B21

HP 100GB 6G SATA Mainstream Endurance SFF 2.5-in QR Enterprise Mainstream 3yr Wty Solid State Drive 730051-B21

12G SAS Write Intensive Hot Plug SFF (2.5-inch) SSDs

NOTE: This drive supports Gen8 servers and beyond only.

HPE 1.6TB 12G SAS Write Intensive-1 SFF (2.5in) SC 3yr Wty Solid State Drive 846432-B21

HP 1.6TB 12G SAS Mainstream Endurance SFF 2.5-in ENT Mainstream SC 3yr Wty H2 Solid State Drive 779176-B21

NOTE: This drive supports G7 servers only.

HP 1.6TB 12G SAS Mainstream Endurance SFF 2.5-in ENT Mainstream 3yr Wty H2 Solid State Drive 779174-B21

NOTE: This drive supports Gen8 servers and beyond only.

HPE 800GB 12G SAS Write Intensive-1 SFF (2.5in) SC 3yr Wty Solid State Drive 846430-B21

HP 800GB 12G SAS Write Intensive SFF 2.5-in SC 3yr Wty Solid State Drive 802586-B21

Models

HP 800GB 12G SAS Mainstream Endurance SFF 2.5-in ENT Mainstream SC 3yr Wty H2 Solid State Drive 779172-B21

NOTE: This drive supports G7 servers only.

HP 800GB 12G SAS Write Intensive SFF 2.5-in 3yr Wty Solid State Drive 802584-B21

HP 800GB 12G SAS Mainstream Endurance SFF 2.5-in ENT Mainstream 3yr Wty H2 Solid State Drive 779170-B21

NOTE: This drive supports Gen8 servers and beyond only.

HP 400GB 12G SAS Write Intensive SFF 2.5-in SC 3yr Wty Solid State Drive 802582-B21

HP 400GB 12G SAS Mainstream Endurance SFF 2.5-in ENT Mainstream SC 3yr Wty H2 Solid State Drive 779168-B21

NOTE: This drive supports G7 servers only.

HP 400GB 12G SAS Write Intensive SFF 2.5-in 3yr Wty Solid State Drive 802580-B21

HP 400GB 12G SAS Mainstream Endurance SFF 2.5-in ENT Mainstream 3yr Wty H2 Solid State Drive 779166-B21

NOTE: This drive supports Gen8 servers and beyond only.

HP 200GB 12G SAS Write Intensive SFF 2.5-in SC 3yr Wty Solid State Drive 802578-B21

HP 200GB 12G SAS Mainstream Endurance SFF 2.5-in ENT Mainstream SC 3yr Wty H2 Solid State Drive 779164-B21

NOTE: This drive supports G7 servers only.

HP 200GB 12G SAS Write Intensive SFF 2.5-in 3yr Wty Solid State Drive 802576-B21

HP 200GB 12G SAS Mainstream Endurance SFF 2.5-in ENT Mainstream 3yr Wty H2 Solid State Drive 779162-B21

NVMe PCIe Write Intensive SSDs

NOTE: This drive supports DL380 Gen9 only.

HP 2TB NVMe PCIe Write Intensive SFF 2.5-in SC2 3yr Wty Solid State Drive 764894-B21

NOTE: These drives support DL360, DL380, DL560, and DL580 Gen9 only.

HP 1.6TB NVMe PCIe Write Intensive SFF 2.5-in SC2 3yr Wty Solid State Drive 764892-B21

NOTE: These drives support DL360, DL380, DL560, DL580, and ML350 Gen9 only.

HP 800GB NVMe PCIe Write Intensive SFF 2.5-in SC2 3yr Wty Solid State Drive 736939-B21

HP 400GB NVMe PCIe Write Intensive SFF 2.5-in SC2 3yr Wty Solid State Drive 736936-B21

Standard Features

What is SSD? An enduring data storage device utilizing NAND (negative-AND) semiconductor technology to store and access data which is volatile without the aid of an auxiliary power source.

SSD Quality Today's businesses are seeing larger, more complex applications, coupled with an increasing amount of mission-critical and transaction processing data demand. In this environment, storage has become a critical component, significantly defining requirements for both systems reliability and performance. This is why HPE drives undergo a rigorous qualification process to ensure functionality and eliminate firmware and O/S incompatibilities.

Integration Many issues customers have with third party drives are "simple" integration issues. When buying from another supplier, there is no guarantee that a drive has been correctly set for proper operation with ProLiant servers and storage systems. These incompatibilities can create problems in configuration, can rob your system of performance, or at their worst, can cause you to lose data. HPE drives are specifically designed and tested for flawless operation in your HPE equipment. The integration of solid state drives in HPE systems means that associated components are right for your ProLiant server.

Support Matrix Please see the following URL for the latest list of supported servers and enclosures: <https://www.hpe.com/us/en/servers.html>
NOTE: Non-hot plug devices are 15mm Z-height, which restricts them to those servers that can accept a 15mm device.

Product Category HPE Enterprise SSDs are available in three categories based on workload level: Read Intensive (RI), Mixed Use (MU), and Write Intensive (WI). The categories indicate the number of drive writes per day (DWPD1) that you can expect from the drive. (DWPD is the maximum number of 4K host writes to the entire drive capacity of the SSD per day over a five-year period.

Write Performance Driven Workloads:	Read Performance Driven Workloads:
OLTP, Business Intelligence, Big Data Analytics, VDI, etc.	Read caching, Web Servers, Social Media, Boot/Swap, etc.

PCIe & PCIe NVMe	SFF, Add-In Cards, Mezz Cards	High Write Performance Endurance >=10 DWPD	Balanced R/W Performance Endurance >1 and <10 DWPD	Focused on Read Performance Endurance <=1 DWPD
12GB SAS	SFF, LFF			
6GB SATA	SFF, LFF, M.2 M.2 Enablement Kits			
		Write Intensive	Mixed Use	Read Intensive

Standard Features

Maximum Usage Limitations NAND Flash devices use semiconductor technology that has a finite number of data that can be written to the device, defined as the Maximum Usage Limit, commonly called write endurance.

Write Endurance - Write endurance is measured while running 100% random 4KiB writes across the entire SSD

Drive Writes Per Day - Workload environment is based on 100% random 4KiB writes for five (5) years

Drive	Write endurance specifications for 6G SATA Read Intensive (RI) SSDs	
	Lifetime Writes	Drive Writes Per Day for Five (5) Years (using JESD219 workload)
VE Enterprise Boot 80GB	40TB	0.3
Read Intensive-3 120GB	175TB	0.8
Read Intensive-2 120GB	66TB	0.3
VE Enterprise Boot 120GB	75TB	0.3
Read Intensive-3 240GB	351TB	0.8
Read Intensive-2 240GB	131TB	0.3
Read Intensive 240GB	180TB	0.4
VE Enterprise Value 240GB	145TB	0.3
Read Intensive-3 480GB	368TB	0.4
Read Intensive-2 480GB	263TB	0.3
Read Intensive 480GB	368TB	0.4
VE Enterprise Value 480GB	290TB	0.3
Read Intensive-2 800GB	438TB	0.3
VE Enterprise Value 800GB	490TB	0.3
Read Intensive-3 960GB	1403TB	0.8
Read Intensive 1.6TB	877TB	0.3

Standard Features

VE Enterprise Value 1.6TB	935TB	0.3
Read Intensive-3 1.92TB	2805TB	0.8
Read Intensive-3 3.84TB	5610TB	0.8

Drive	Write endurance specifications for 12G SAS Read Intensive (RI) SSDs	
	Lifetime Writes	Drive Writes Per Day for Five (5) Years (using JESD219 workload)
12G SAS Read Intensive-3 480GB	876TB	1
12G SAS VE Enterprise Value 800GB	1800TB	1
12G SAS Read Intensive-3 960GB	1752TB	1
12G SAS VE Enterprise Value 1600GB	3700TB	1
12G SAS Read Intensive 1.92TB	6.78PB	1.9
12G SAS Read Intensive-3 1.92TB	3504TB	1
12G SAS Read Intensive-3 3.84TB	7008TB	1

Standard Features

Drive	Write endurance specifications for Read Intensive (RI) M.2	
	Lifetime Writes	Drive Writes Per Day for Five (5) Years
340GB Read Intensive-2 M.2 Kit	180TB	0.3
340GB 6G SATA Read Intensive M.2 2280	180TB	0.3
120GB Read Intensive-1 M.2 Kit	70TB	0.3
Read Intensive M.2 Enablement Kit 120GB	170TB	0.78
120GB 6G SATA Read Intensive M.2 2280	70TB	0.3
VE M.2 Enablement Kit 64GB	9.2TB	0.3

Drive	Write endurance specifications for NVMe PCIe Read Intensive (RI) SSDs	
	Lifetime Writes	Drive Writes Per Day for Five (5) Years (using JESD219 workload)
Read Intensive 400GB	219TB	0.3
Read Intensive 1.2TB	657TB	0.3
2.0TB	1095PB	0.3

Drive	Write endurance specifications for 6G SATA Mixed Use (MU) SSDs	
	Lifetime Writes	Drive Writes Per Day for Five (5) Years (using JESD219 workload)
Mixed Use-3 120GB	657TB	3
VE Enterprise Value M1 120GB	550TB	2.5
Mixed Use-2 200GB	1096TB	3
Mixed Use-3 240GB	1315TB	3
VE Enterprise Value M1 240GB	1100TB	2.5
Mixed Use-3 480GB	2630TB	3

Standard Features

Mixed Use-2 480GB	2630TB	3
VE Enterprise Value M1 480GB	2200TB	2.5
Mixed Use-2 800GB	4383TB	3
VE Enterprise Value M1 800GB	1900TB	1.3
VE Enterprise Value 120GB G1	430TB	1.9
VE Enterprise Value 240GB G1	860TB	1.9
VE Enterprise Value 48GB G1	1730TB	1.9
Mixed Use-3 960GB	5260TB	3
LE Enterprise Value 960GB	6728TB	3.8
Mixed Use-2 1.6TB	8766TB	3
Mixed Use-3 1.92TB	10519TB	3

Drive	Write endurance specifications for 12Gb SAS Mixed Use (MU) SSDs	
	Lifetime Writes	Drive Writes Per Day for Five (5) Years (using JESD219 workload)
12G SAS Mixed Use-3 400GB	2190TB	3
12G SAS Mixed Use-1 800GB	4380TB	3
12G SAS Mixed Use-3 800GB	4380TB	3
12G SAS Mixed Use-1 1.6TB	8760TB	3
12G SAS Mixed Use-3 1.6TB	8760TB	3
12G SAS Mixed Use-3 3.2TB	17520TB	3

Standard Features

Drive	Write endurance specifications for NVMe PCIe Mixed Use (MU) SSDs	
	Lifetime Writes	Drive Writes Per Day for Five (5) Years (using JESD219 workload)
Mixed Use 400GB	2.19PB	3
Mixed Use 800GB	4.38PB	3
Mixed Use 1.6TB	8.76PB	3
Mixed Use 2.0TB	10.95PB	3

Drive	Write endurance specifications for 6G SATA Write Intensive SSDs	
	Lifetime Writes	Drive Writes Per Day for Five (5) Years (using JESD219 workload)
ME Enterprise Mainstream 100GB	1.8PB	10
Write Intensive-2 200GB	3653TB	10
ME Enterprise Mainstream 200GB	3.6PB	10
Write Intensive-2 400GB	7305TB	10
ME Enterprise Mainstream 400GB	7.2PB	10
Write Intensive-2 800GB	14610TB	10
ME Enterprise Mainstream 800GB	14.6PB	10
Write Intensive-2 1.2TB	21915TB	10

Standard Features

Drive	Write endurance specifications for 12G SAS Write Intensive (WI) SSDs	
	Lifetime Writes	Drive Writes Per Day for Five (5) Years (using JESD219 workload)
12G SAS ME ENT Mainstream H2 200GB	3.9PB	10
12G ME ENT Mainstream H2 400GB	7.3PB	10
12G SAS ME ENT Mainstream H2 800GB	14.6PB	10
12G SAS ME ENT Mainstream H2 1.6TB	29.2PB	10
12G SAS Write Intensive 200GB	9.1PB	25
12G SAS Write Intensive 400GB	18.3PB	25
12G SAS Write Intensive 800GB	36.5PB	25
12G SAS Write Intensive-1 800GB	14600TB	10
12G SAS Write Intensive-1 1.6TB	29200TB	10

Drive	Write endurance specifications for NVMe PCIe Write Intensive (WI) SSDs	
	Lifetime Writes	Drive Writes Per Day for Five (5) Years (using JESD219 workload)
Write Intensive 400GB	7.3PB	10
Write Intensive 800GB	14.6PB	10
Write Intensive 1.6TB	29.2PB	10
Write Intensive 2.0TB	36.5PB	10

HPE Solid State Drives are equipped with tools that can report the amount of lifetime remaining. Introducing HPE SMARTSSD Wear Gauge™. In order to take advantage of SMARTSSD Wear Gauge™, Smart Array Firmware version 5.0 or greater is required and HPE Array Configuration Utility (ACU) or HPE Diagnostic Utility (ADU) must be running.

SNMP Storage Agents for both Microsoft® Windows® and Linux provide status and condition updates through traps, OS event logs and the HPE System Management Homepage:

<https://www.hpe.com/us/en/product-catalog/detail/pip.hp-system-management->

Standard Features

homepage-software.344313.html

The HPE SMARTSSD Wear Gauge™ requires a Smart Array or Smart HBA controller listed below.

- HPE Smart Array PX1X Controller Series or newer
- HPE Smart HBA PX4XController Series
- HPE Dynamic Smart Array BX2XiController Series or newer
- HPE Dynamic Smart Array B320i Controller

NOTE: Subject to maximum usage/maximum supported lifetime limitations. Maximum Supported Lifetime is the period in years set to equal the warranty for the device. Maximum usage limit is the maximum amount of data that can be written to the device before reaching the device's write endurance limit.

HPE Direct Connect to the HPE Smart Array B110i SATA RAID Controller is not supported in this tool.

Data Retention Data Retention is the period of time for retaining the data in the NAND once the maximum rated endurance level has occurred. These SSD's are rated for 3 months if no power is applied once the SSD has reached maximum rated write endurance.

Warranty 3/0/0 warranty; Customer Self Repair (CSR) subject to maximum usage limitations. Maximum usage limit: This is the maximum amount of data that can be written to the drive. Drives that have reached this limit will not be eligible for warranty coverage.

Service and Support

Service and Support

HPE Technology Services for Industry Standard Servers

HPE Technology Services delivers confidence, reduces risk and helps customers realize agility and stability powered by a rich portfolio of consulting and support services designed to add value to our core products and solutions connect to Hewlett Packard Enterprise to help prevent problems and solve issues faster. Our support technology lets you to tap into the knowledge of millions of devices and thousands of experts to stay informed and in control, anywhere, any time.

Protect your business beyond warranty with HPE Support Services

HPE support services offer complete care and support expertise with committed response choices that are designed to meet your IT and business needs.

NOTE: HPE Solid State Drives are supported as a part of the HPE Server Infrastructure. No separate Support Services are needed to be purchased.

Connect your devices to HPE

Unlock all of the benefits of your technology investment by connecting your products to Hewlett Packard Enterprise. Achieve up to 77%¹ reduction in down time, near 100%² diagnostic accuracy and a single consolidated view of your environment. By connecting, you will receive 24x7 monitoring, pre-failure alerts, automatic call logging, and automatic parts dispatch. HPE Proactive Care Service and HPE Datacenter Care Service customers will also benefit from proactive activities to help prevent issues and increase optimization.

All of these benefits are already available to you with your server storage and networking products, securely connected to HPE support.

1. IDC Whitepaper
2. HPE CSC Reports 2014-2015

HPE Support Center

Personalized online support portal with access to information, tools and experts to support HPE business products. Submit support cases online, chat with Hewlett Packard Enterprise experts, access support resources or collaborate with peers. Learn more <http://www.hp.com/go/hpsc>

HPE Support Center Mobile App allows you to resolve issues yourself or quickly connect to an agent for live support. Now, you can get access to personalized IT support anywhere, anytime.

HPE Insight Remote Support and HPE Support Center are available at no additional cost with a Hewlett Packard Enterprise warranty, HPE Support Services or HPE contractual support agreement.

NOTE: HPE Support Center Mobile App above is subject to local availability.

Parts and materials

Hewlett Packard Enterprise will provide HPE-supported replacement parts and materials necessary to maintain the covered hardware product in operating condition, including parts and materials for available and recommended engineering improvements.

Parts and components that have reached their maximum supported lifetime and/or the maximum usage limitations as set forth in the manufacturer's operating manual, product quick-specs, or the technical product data sheet will not be provided, repaired, or replaced

Service and Support

as part of these services.

The defective media retention service feature option applies only to Disk or eligible SSD/Flash Drives replaced by Hewlett Packard Enterprise due to malfunction.

Warranty / Service Coverage

For ProLiant servers and storage systems, the service on the main product covers HP-branded hardware options not designated by Hewlett Packard Enterprise as requiring separate coverage, that are qualified for the server, purchased at the same time or afterward and internal to the enclosure. These items will be covered at the same service level and for the same coverage period as the server unless the maximum supported lifetime and/or the maximum usage limitation has been reached.

The defective media retention service feature option applies only to Disk or eligible SSD/Flash Drives replaced by Hewlett Packard Enterprise due to malfunction. It does not apply Disk or SSD/Flash Drives that have not failed. SSD/Flash Drives that are specified by Hewlett Packard Enterprise as consumable parts and/or that have reached maximum supported lifetime and/or the maximum usage limits as set forth in the manufacturer's operating manual, the product QuickSpecs, or the technical data sheet are not eligible for the defective media retention service feature option.

Subject to: Maximum supported lifetime: This is a period in years set to equal the warranty for the specific drive. After this period no further service coverage will be available for the drive. Maximum usage limit: This is the maximum amount of data that can be written to the drive. Drives that have reached this limit will not be eligible for services coverage.

For more information

To learn more on services for HPE ESSN Options, please contact your Hewlett Packard Enterprise sales representative or Hewlett Packard Enterprise Authorized Channel Partner. Or visit: <https://www.hpe.com/us/en/product-catalog/servers/proliant-servers.html> or <https://www.hpe.com/us/en/integrated-systems/bladesystem.html>

Technical Specifications

HPE Solid State Drives

Application Information Solid State Drives offer high performance, low latency, low power solutions that fit seamlessly into the HPE server infrastructure using the Hewlett Packard Enterprise universal hot plug drive carrier. HPE Enterprise SSDs support Power Loss Protection (PLP).

NOTE: Any drive with SC in the product description is for Gen8 hot plug server bays servers only. They cannot be used in any other server generation.

Read Intensive SSDs

6G SATA Read Intensive Hot Plug SFF (2.5-inch) Solid State Drives

NOTE: The 80GB and 120GB Enterprise Boot SSDs with Endurance Manager enabled are targeted for Boot/Swap applications and may have performance throttled due to write workloads. Write performance shown for 80GB and 120GB Enterprise Boot SSDs is based on no endurance throttling.

NOTE: Random Performance is based on a 4KiB transfer size at a queue of 16.

HPE 240GB SATA 6G Read Intensive SFF (2.5in) SC 3yr Wty SSD	872853-B21	Capacity	240GB	
		Height	7mm	
		Length x Width	Standard SFF	
		Interface	SATA	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	N/A
			Access Latency	Read: 120uSec Write: 120uSec
			Random Reads	62,000 IOP/s
			Random Writes	8,400 IOP/s
			Sequential Reads Sequential Writes	540 MiB/s 275 MiB/s
Physical Configuration	Logical Blocks	512 bytes		
Power	9W			
Operating Temperature	0-60°C			

HPE 480GB SATA 6G Read Intensive SFF (2.5in) SC 3yr Wty SSD	872855-B21	Capacity	480GB	
		Height	7mm	
		Length x Width	Standard SFF	
		Interface	SATA	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	N/A

Technical Specifications

	Access Latency	Read: 120uSec Write: 65uSec
	Random Reads	60,000 IOP/s
	Random Writes	15,500 IOP/s
	Sequential Reads	540 MiB/s
	Sequential Writes	275 MiB/s
Physical Configuration	Logical Blocks	512 bytes
Power	9W	
Operating Temperature	0-60°C	

HPE 960GB SATA 6G Read Intensive SFF (2.5in) SC 3yr Wty SSD	871768-B21	Capacity	960GB	
		Height	7mm	
		Length x Width	Standard SFF	
		Interface	SATA	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	N/A
			Access Latency	Read: 120uSec Write: 65uSec
			Random Reads	59,000 IOP/s
			Random Writes	16,500 IOP/s
			Sequential Reads	540 MiB/s
			Sequential Writes	480 MiB/s
			Physical Configuration	Logical Blocks
		Power	9W	
Operating Temperature	0-60°C			

HPE 1.92TB 6G SATA Read Intensive SFF (2.5in) SC 1yr Wty SSD	871770-B21	Capacity	1.92TB	
		Height	7mm	
		Length x Width	Standard SFF	
		Interface	SATA	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	N/A
			Access Latency	Read: 125uSec Write: 70uSec
			Random Reads	55,000 IOP/s
			Random Writes	15,000 IOP/s

Technical Specifications

	Sequential Reads	530 MiB/s
	Sequential Writes	445 MiB/s
Physical Configuration	Logical Blocks	512 bytes
Power	9W	
Operating Temperature	0-60°C	

HPE 240GB SATA 6G Read Intensive SFF (2.5in) SC 3yr Wty Digitally Signed Firmware SSD	868814-B21	Capacity	240GB	
		Height	7mm	
		Length x Width	Standard SFF	
		Interface	SATA	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	N/A
			Access Latency	Read: 120uSec Write: 105uSec
			Random Reads	66,000 IOP/s
			Random Writes	9,800 IOP/s
			Sequential Reads	370 MiB/s
			Sequential Writes	300 MiB/s
		Physical Configuration	Logical Blocks	512 bytes
		Power	9W	
Operating Temperature	0-60°C			

HPE 480GB SATA 6G Read Intensive SFF (2.5in) SC 3yr Wty Digitally Signed Firmware SSD	868818-B21	Capacity	480GB	
		Height	7mm	
		Length x Width	Standard SFF	
		Interface	SATA	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	N/A
			Access Latency	Read: 120uSec Write: 58uSec
			Random Reads	66,000 IOP/s
			Random Writes	17,000 IOP/s
			Sequential Reads	530 MiB/s
			Sequential Writes	490 MiB/s
		Physical Configuration	Logical Blocks	512 bytes
		Power	9W	

Technical Specifications

Operating Temperature 0-60°C

HPE 960GB SATA 6G Read Intensive SFF (2.5in) SC 3yr Wty Digitally Signed Firmware SSD	868822-B21	Capacity	960GB	
		Height	7mm	
		Length x Width	Standard SFF	
		Interface	SATA	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	N/A
			Access Latency	Read: 120uSec Write: 41uSec
			Random Reads	64,000 IOP/s
			Random Writes	24,500 IOP/s
			Sequential Reads	530 MiB/s
			Sequential Writes	490 MiB/s
Physical Configuration	Logical Blocks	512 bytes		
Power	9W			
Operating Temperature 0-60°C				

HPE 1.92TB SATA 6G Read Intensive SFF (2.5in) SC 3yr Wty Digitally Signed Firmware SSD	868826-B21	Capacity	1.92TB	
		Height	7mm	
		Length x Width	Standard SFF	
		Interface	SATA	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	N/A
			Access Latency	Read: 120uSec Write: 38uSec
			Random Reads	61,500 IOP/s
			Random Writes	26,000 IOP/s
			Sequential Reads	530 MiB/s
			Sequential Writes	490 MiB/s
Physical Configuration	Logical Blocks	512 bytes		
Power	9W			
Operating Temperature 0-60°C				

HPE 3.8TB SATA	868830-B21	Capacity	3.8TB
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Technical Specifications

**6G Read Intensive
SFF (2.5in) SC 3yr
Wty Digitally
Signed Firmware
SSD**

Height	7mm	
Length x Width	Standard SFF	
Interface	SATA	
Transfer Rate Synchronous (Maximum)	6Gbps	
Performance	Rotational Speed	N/A
	Access Latency	Read: 120uSec Write: 36uSec
	Random Reads	63,500 IOP/s
	Random Writes	27,500 IOP/s
	Sequential Reads	530 MiB/s
	Sequential Writes	490 MiB/s
Physical Configuration	Logical Blocks	512 bytes
Power	9W	
Operating Temperature	0-60°C	

**HPE 3.84TB 6G
SATA Read
Intensive-3 SFF
2.5-in SC 3yr Wty
Solid State Drive**

816929-B21	Capacity	3.84TB
	Height	15mm
	Length x Width	Standard SFF
	Interface	SATA
	Transfer Rate Synchronous (Maximum)	6Gbps
	Performance	Rotational Speed
		Access Latency
		Random Reads
		Random Writes
		Sequential Reads
		Sequential Writes
	Physical Configuration	Logical Blocks
	Power	9W
	Operating Temperature	0-60°C

**HPE 1.6TB 6G
SATA Read
Intensive-2 SFF
2.5-in SC 3yr Wty
Solid State Drive**

804605-B21	Capacity	1.6TB
	Height	15mm
	Length x Width	Standard SFF
	Interface	SATA

Technical Specifications

Transfer Rate Synchronous (Maximum)	6Gbps	
Performance	Rotational Speed	N/A
	Access Latency	
	Random Reads	61,500 IOP/s
	Random Writes	15,000 IOP/s
	Sequential Reads	480 MiB/s
	Sequential Writes	430 MiB/s
Physical Configuration	Logical Blocks	
Power	9W	
Operating Temperature	0-60°C	

HPE 1.6TB 6G SATA Value Endurance SFF 2.5-in SC Enterprise Value 3yr Wty Solid State Drive	757339-B21	Capacity	1.6TB	
		Height	15mm	
		Length x Width	Standard SFF	
		Interface	SATA	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	N/A
			Access Latency	
			Random Reads	59,000 IOP/s
			Random Writes	14,300 IOP/s
			Sequential Reads	485 MiB/s
	Sequential Writes	400 MiB/s		
	Physical Configuration	Logical Blocks	512 bytes	
	Power	9W		
	Operating Temperature	0-60°C		

HPE 1.6TB 6G SATA Value Endurance SFF 2.5-in Enterprise Value 3yr Wty Solid State Drive	757351-B21	Capacity	1.6TB	
		Height	15mm	
		Length x Width	Standard SFF	
		Interface	SATA	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	N/A
			Access Latency	
			Random Reads	59,000 IOP/s

Technical Specifications

	Random Writes	14,300 IOP/s
	Sequential Reads	485 MiB/s
	Sequential Writes	400 MiB/s
Physical Configuration	Logical Blocks	512 bytes
Power	9W	
Operating Temperature	0-60°C	

HPE 800GB 6G SATA Read Intensive-2 SFF 2.5-in SC 3yr Wty Solid State Drive	804599-B21	Capacity	800GB	
		Height	15mm	
		Length x Width	Standard SFF	
		Interface	SATA	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	
			Random Reads	61,500 IOP/s
			Random Writes	15,500 IOP/s
			Sequential Reads	480 MiB/s
			Sequential Writes	465 MiB/s
		Physical Configuration	Logical Blocks	
		Power	9W	
Operating Temperature	0-60°C			

HPE 800GB 6G SATA Value Endurance SFF 2.5-in SC Enterprise Value 3yr Wty Solid State Drive	717973-B21	Capacity	800GB	
		Height	15mm	
		Length x Width	Standard SFF	
		Interface	SATA	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	N/A
			Random Reads	64,000 IOP/s
			Random Writes	12,000 IOP/s
			Sequential Reads	480MiB/s
			Sequential Writes	445 MiB/s
		Physical Configuration	Logical Blocks	512 bytes
		Power	9W	
Operating Temperature	0-60°C			

Technical Specifications

HPE 480GB 6G SATA Read Intensive-2 SFF 2.5-in SC 3yr Wty Solid State Drive	804593-B21	Capacity	480GB	
		Height	15mm	
		Length x Width	Standard SFF	
		Interface	SATA	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	
			Random Reads	61,500 IOP/s
			Random Writes)	15,500 IOP/s
			Sequential Reads	480 MiB/s
			Sequential Writes	445 MiB/s
	Physical Configuration	Logical Blocks		
	Power	9W		
	Operating Temperature	0-60°C		

HP 480GB 6G SATA Read Intensive SFF 2.5- in SC 3yr Wty G2 Solid State Drive	789145-B21	Capacity		
		Height	15mm	
		Length x Width	Standard SFF	
		Interface	SATA	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	N/A
			Random Reads	61,000 IOP/s
			Random Writes	14,300 IOP/s
			Sequential Reads	530 MiB/s
			Sequential Writes	405 MiB/s
	Physical Configuration	Logical Blocks	512 bytes	
	Power	9W		
	Operating Temperature	0-60°C		

HP 480GB 6G SATA Read Intensive SFF 2.5- in 3yr Wty G2 Solid State Drive	789151-B21	Capacity	
		Height	15mm
		Length x Width	Standard SFF
		Interface	SATA

Technical Specifications

Transfer Rate Synchronous (Maximum)	6Gbps	
Performance	Rotational Speed	N/A
	Random Reads	61,000 IOP/s
	Random Writes	14,300 IOP/s
	Sequential Reads	530 MiB/s
	Sequential Writes	405 MiB/s
Physical Configuration	Logical Blocks	512 bytes
Power	9W	
Operating Temperature	0-60°C	

HPE 240GB 6G SATA Read Intensive-2 SFF 2.5-in SC 3yr Wty Solid State Drive

804587-B21

Capacity	240GB	
Height	15mm	
Length x Width	Standard SFF	
Interface	SATA	
Transfer Rate Synchronous (Maximum)	6Gbps	
Performance	Rotational Speed	
	Random Reads	61,500 IOP/s
	Random Writes	10,200 IOP/s
	Sequential Reads	480 MiB/s
	Sequential Writes	265 MiB/s
Physical Configuration	Logical Blocks	
Power	9W	
Operating Temperature	0-60°C	

HPE 120GB 6G SATA Read Intensive-2 SFF 2.5-in SC 3yr Wty Solid State Drive

804581-B21

Capacity	120GB	
Height	15mm	
Length x Width	Standard SFF	
Interface	SATA	
Transfer Rate Synchronous (Maximum)	6Gbps	
Performance	Rotational Speed	
	Random Reads	61,500 IOP/s
	Random Writes	5,400 IOP/s
	Sequential Reads	480 MiB/s
	Sequential Writes	135 MiB/s

Technical Specifications

Physical Configuration	Logical Blocks
Power	9W
Operating Temperature	0-60°C

**HPE 120GB 6G
SATA Value
Endurance SFF
2.5-in SC
Enterprise Boot
3yr Wty Solid State
Drive**

717965-B21

Capacity	120GB	
Height	15mm	
Length x Width	Standard SFF	
Interface	SATA	
Transfer Rate Synchronous (Maximum)	6Gbps	
Performance	Rotational Speed	N/A
	Random Reads	64,000 IOP/s
	Random Writes	4,700 IOP/s
	Sequential Reads	410 MiB/s
	Sequential Writes	130 MiB/s
Physical Configuration	Logical Blocks	512 bytes
Power	9W	
Operating Temperature	0-60°C	

**HPE 80GB 6G
SATA Read
Intensive-2 SFF
2.5-in SC 3yr Wty
Solid State Drive**

804575-B21

Capacity	80GB	
Height	15mm	
Length x Width	Standard SFF	
Interface	SATA	
Transfer Rate Synchronous (Maximum)	6Gbps	
Performance	Rotational Speed	
	Random Reads	61,000 IOP/s
	Random Writes	8,400 IOP/s
	Sequential Reads	-370 MiB/s
	Sequential Writes	105 MiB/s
Physical Configuration	Logical Blocks	
Power	9W	
Operating Temperature	0-60°C	

HPE 80GB 6G

734360-B21

Capacity	80GB
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Technical Specifications

SATA Value Endurance SFF 2.5-in SC Enterprise Boot 3yr Wty Solid State Drive	Height	15mm	
	Length x Width	Standard SFF	
	Interface	SATA	
	Transfer Rate Synchronous (Maximum)	6Gbps	
	Performance	Rotational Speed	N/A
		Random Reads	59,000 IOP/s
		Random Writes	7,700 IOPS
		Sequential Reads	335MiB/s
		Sequential Writes	100 MiB/s
	Physical Configuration	Logical Blocks	512 bytes
	Power	9W	
	Operating Temperature	0-60°C	

6G SATA Read Intensive Hot Plug LFF (3.5-inch) Solid State Drives

HPE 3.84TB 6G SATA Read Intensive-3 LFF 3.5-in SC 3yr Wty Solid State Drive	816933-B21	Capacity	3.84TB
		Height	15mm
		Length x Width	Standard LFF
		Interface	SATA
		Transfer Rate Synchronous (Maximum)	6Gbps
		Performance	Rotational Speed
			N/A
		Access Latency	
		Random Reads	63,000 IOP/s
		Random Writes	20,000 IOP/s
		Sequential Reads	535 MiB/s
		Sequential Writes	480 MiB/s
		Physical Configuration	Logical Blocks
			512 bytes
		Power	9W
		Operating Temperature	0-60°C

HPE 480GB SATA 6G Read Intensive LFF (3.5in) LPC 3yr Wty Digitally Signed Firmware	869056-B21	Capacity	480GB
		Height	7mm
		Length x Width	Standard SFF
		Interface	SATA

Technical Specifications

SSD	Transfer Rate Synchronous (Maximum)	6Gbps	
	Performance	Rotational Speed	N/A
		Access Latency	Read: 120uSec Write: 58uSec
		Random Reads	66,000 IOP/s
		Random Writes	17,000 IOP/s
		Sequential Reads	530 MiB/s
		Sequential Writes	490 MiB/s
	Physical Configuration	Logical Blocks	512 bytes
	Power	9W	
	Operating Temperature	0-60°C	

HPE 1.92TB SATA 6G Read Intensive LFF (3.5in) LPC 3yr Wty Digitally Signed Firmware SSD	869058-B21	Capacity	1.92TB		
		Height	7mm		
		Length x Width	Standard SFF		
		Interface	SATA		
		Transfer Rate Synchronous (Maximum)	6Gbps		
		Performance	Rotational Speed	N/A	
			Access Latency	Read: 120uSec Write: 38uSec	
			Random Reads	61,500 IOP/s	
			Random Writes	26,000 IOP/s	
			Sequential Reads	530 MiB/s	
Sequential Writes	490 MiB/s				
Physical Configuration	Logical Blocks	512 bytes			
Power	9W				
Operating Temperature	0-60°C				

HPE 1.6TB 6G SATA Read Intensive-2 LFF 3.5-in SCC 3yr Wty Solid State Drive	804608-B21	Capacity	1.6TB	
		Height	15mm	
		Length x Width	Standard LFF	
		Interface	SATA	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	

Technical Specifications

Random Reads	61,500 IOP/s
Random Writes	15,000 IOP/s
Sequential Reads	480 MiB/s
Sequential Writes	430 MiB/s

Physical Configuration Logical Blocks

Power 9W

Operating Temperature 0-60°C

**HPE 1.6TB 6G
SATA Value
Endurance LFF
3.5-in SC
Converter
Enterprise Value
3yr Wty Solid State
Drive**

757342-B21

Capacity	1.6TB
Height	15mm
Length x Width	Standard LFF
Interface	SATA
Transfer Rate Synchronous (Maximum)	6Gbps

Performance Rotational Speed N/A

Access Latency	
Random Reads	59,000 IOP/s
Random Writes	14,300 IOP/s
Sequential Reads	485 MiB/s
Sequential Writes	400 MiB/s

Physical Configuration Logical Blocks 512 bytes

Power 9W

Operating Temperature 0-60°C

**HPE 800GB 6G
SATA Read
Intensive-2 LFF
3.5-in SCC 3yr Wty
Solid State Drive**

804602-B21

Capacity	800GB
Height	15mm
Length x Width	Standard LFF
Interface	SATA
Transfer Rate Synchronous (Maximum)	6Gbps

Performance Rotational Speed

Random Reads	61,500 IOP/s
Random Writes	15,500 IOP/s
Sequential Reads	480 MiB/s
Sequential Writes	465 MiB/s

Physical Configuration Logical Blocks

Power 9W

Technical Specifications

Operating Temperature 0-60°C

HPE 800GB 6G SATA Value Endurance LFF 3.5-in SC Enterprise Value 3yr Wty Solid State Drive	718189-B21	Capacity	800GB	
		Height	15mm	
		Length x Width	Standard LFF	
		Interface	SATA	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	N/A
			Random Reads	64,000 IOP/s
			Random Writes	12,000 IOP/s
			Sequential Reads	480 MiB/s
			Sequential Writes	445 MiB/s
		Physical Configuration	Logical Blocks	512 bytes
Power	9W			
Operating Temperature 0-60°C				

HPE 80GB 6G SATA Read Intensive-2 LFF 3.5-in SCC 3yr Wty Solid State Drive	804578-B21	Capacity	80GB	
		Height	15mm	
		Length x Width	Standard LFF	
		Interface	SATA	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	
			Random Reads	61,000 IOP/s
			Random Writes	8,400 IOP/s
			Sequential Reads	370 MiB/s
			Sequential Writes	105 MiB/s
		Physical Configuration	Logical Blocks	
Power	9W			
Operating Temperature 0-60°C				

HPE 480GB 6G SATA Read Intensive-2 LFF 3.5-in SCC 3yr Wty Solid State Drive	804596-B21	Capacity	480GB
		Height	15mm
		Length x Width	Standard LFF
		Interface	SATA

Technical Specifications

Transfer Rate Synchronous (Maximum)	6Gbps
Performance	Rotational Speed
	Random Reads 61,500 IOP/s
	Random Writes 15,500 IOP/s
	Sequential Reads 480 MiB/s
	Sequential Writes 445 MiB/s
Physical Configuration	Logical Blocks
Power	9W
Operating Temperature	0-60°C

HPE 480GB 6G SATA Read Intensive LFF 3.5-in SC Converter 3yr Wty Solid State Drive

789147-B21

Capacity	480GB
Height	15mm
Length x Width	Standard LFF
Interface	SATA
Transfer Rate Synchronous (Maximum)	6Gbps
Performance	Rotational Speed N/A
	Random Reads 61,000 IOP/s
	Random Writes 14,300 IOP/s
	Sequential Reads 530 MiB/s
	Sequential Writes 405 MiB/s
Physical Configuration	Logical Blocks 512 bytes
Power	9W
Operating Temperature	0-60°C

HPE 480GB 6G SATA Value Endurance LFF 3.5-in SC Enterprise Value 3yr Wty Solid State Drive

718183-B21

Capacity	480GB
Height	15mm
Length x Width	Standard LFF
Interface	SATA
Transfer Rate Synchronous (Maximum)	6Gbps
Performance	Rotational Speed N/A
	Random Reads 64,000 IOP/s
	Random Writes 10,000 IOP/s
	Sequential Reads 480 MiB/s
	Sequential Writes 400 MiB/s

Technical Specifications

Physical Configuration	Logical Blocks	512 bytes
Power	9W	
Operating Temperature	0-60°C	

HPE 300GB 6G SATA Value Endurance LFF 3.5-in SC Enterprise Value 3yr Wty Solid State Drive	739890-B21	Capacity	300GB	
		Height	15mm	
		Length x Width	Standard LFF	
		Interface	SATA	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	N/A
			Random Reads	61,000 IOP/s
			Random Writes	9,200 IOP/s
			Sequential Reads	475 MiB/s
			Sequential Writes	300 MiB/s
		Physical Configuration	Logical Blocks	512 bytes
		Power	9W	
		Operating Temperature	0-60°C	

HPE 240GB 6G SATA Read Intensive-2 LFF 3.5-in SCC 3yr Wty Solid State Drive	804590-B21	Capacity	240GB	
		Height	15mm	
		Length x Width	Standard LFF	
		Interface	SATA	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	
			Random Reads	61,500 IOP/s
			Random Writes	10,200 IOP/s
			Sequential Reads	480 MiB/s
			Sequential Writes	265 MiB/s
		Physical Configuration	Logical Blocks	
		Power	9W	
		Operating Temperature	0-60°C	

HPE 240GB 6G	718177-B21	Capacity	240GB
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Technical Specifications

SATA Value Endurance LFF 3.5-in SC Enterprise Value 3yr Wty Solid State Drive	Height	15mm		
	Length x Width	Standard LFF		
	Interface	SATA		
	Transfer Rate Synchronous (Maximum)	6Gbps		
	Performance	Rotational Speed	N/A	
		Random Reads	64,000 IOP/s	
		Random Writes	8,000 IOP/s	
		Sequential Reads	475 MiB/s	
		Sequential Writes	250 MiB/s	
	Physical Configuration	Logical Blocks	512 bytes	
Power	9W			
Operating Temperature	0-60°C			

HPE 120GB 6G SATA Read Intensive-2 LFF 3.5-in SCC 3yr Wty Solid State Drive	804584-B21	Capacity	120GB	
		Height	15mm	
		Length x Width	Standard LFF	
		Interface	SATA	
		Transfer Rate Synchronous (Maximum)	6Gbps	
	Performance	Rotational Speed		
		Random Reads	61,500 IOP/s	
		Random Writes	5,400 IOP/s	
		Sequential Reads	480 MiB/s	
		Sequential Writes	135 MiB/s	
Physical Configuration	Logical Blocks			
Power	9W			
Operating Temperature	0-60°C			

HPE 120GB 6G SATA Value Endurance LFF 3.5-in SC Enterprise Boot 3yr Wty Solid State Drive	718171-B21	Capacity	120GB	
		Height	15mm	
		Length x Width	Standard LFF	
		Interface	SATA	
		Transfer Rate Synchronous (Maximum)	6Gbps	
	Performance	Rotational Speed	N/A	

Technical Specifications

	Random Reads	64,000 IOP/s
	Random Writes	4,700 IOP/s
	Sequential Reads	410 MiB/s
	Sequential Writes	130 MiB/s
Physical Configuration	Logical Blocks	512 bytes
Power	9W	
Operating Temperature	0-60°C	

HPE 80GB 6G SATA Value Endurance LFF 3.5-in SC Enterprise Boot 3yr Wty Solid State Drive	734362-B21	Capacity	80GB	
		Height	15mm	
		Length x Width	Standard LFF	
		Interface	SATA	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	N/A
			Random Reads	59,000 IOP/s
			Random Writes	7,700 IOPS
			Sequential Reads	335MiB/s
			Sequential Writes	100 MiB/s
		Physical Configuration	Logical Blocks	512 bytes
Power	9W			
Operating Temperature	0-60°C			

6G SATA Read Intensive Quick Release (2.5-inch) Solid State Drives

HPE 120GB 6G SATA Value Endurance SFF 2.5-in Quick-release Enterprise Boot 3yr Wty Solid State Drive	718174-B21	Capacity	120GB	
		Height	15mm	
		Length x Width	Standard SFF	
		Interface	SATA	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	N/A
			Random Reads	64,000 IOP/s
			Random Writes	4,700 IOP/s
			Sequential Reads	410 MiB/s
			Sequential Writes	130 MiB/s
		Physical Configuration	Logical Blocks	512 bytes
Power	9W			

Technical Specifications

Operating Temperature 0-60°C

HPE 80GB 6G SATA Value Endurance SFF 2.5-in Quick-release Enterprise Boot 3yr Wty Solid State Drive	734364-B21	Capacity	80GB	
		Height	15mm	
		Length x Width	Standard SFF	
		Interface	SATA	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	N/A
			Random Reads	59,000 IOP/s
			Random Writes	7,700 IOPS
			Sequential Reads	335MiB/s
			Sequential Writes	100 MiB/s
Physical Configuration	Logical Blocks	512 bytes		
Power	9W			
Operating Temperature			0-60°C	

6G SATA Read Intensive Quick Release SFF (2.5-inch) Solid State Drives

HPE 1.6TB 6G SATA Value Endurance SFF 2.5-in Quick-release Enterprise Value 3yr Wty Solid State Drive	757345-B21	Capacity	1.6TB	
		Height	15mm	
		Length x Width	Standard SFF	
		Interface	SATA	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	N/A
			Access Latency	
			Random Reads	59,000 IOP/s
			Random Writes	14,300 IOP/s
			Sequential Reads	485 MiB/s
	Sequential Writes	400 MiB/s		
Physical Configuration	Logical Blocks	512 bytes		
Power	9W			
Operating Temperature			0-60°C	

HPE 800GB 6G	718192-B21	Capacity	800GB
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Technical Specifications

**SATA Value
Endurance SFF
2.5-in Quick-
release Enterprise
Value 3y Wty Solid
State Drive**

Height	15mm	
Length x Width	Standard SFF	
Interface	SATA	
Transfer Rate Synchronous (Maximum)	6Gbps	
Performance	Rotational Speed	N/A
	Random Reads	64,000 IOP/s
	Random Writes	12,000 IOP/s
	Sequential Reads	480 MiB/s
	Sequential Writes	445 MiB/s
Physical Configuration	Logical Blocks	512 bytes
Power	9W	
Operating Temperature	0-60°C	

**HPE 600GB 6G
SATA Value
Endurance SFF
2.5-in Quick-
release Enterprise
Value 3yr Wty Solid
State Drive**

739902-B21

Capacity	600GB	
Height	15mm	
Length x Width	Standard SFF	
Interface	SATA	
Transfer Rate Synchronous (Maximum)	6Gbps	
Performance	Rotational Speed	N/A
	Random Reads	61,000 IOP/s
	Random Writes	15,000 IOP/s
	Sequential Reads	475 MiB/s
	Sequential Writes	435 MiB/s
Physical Configuration	Logical Blocks	512 bytes
Power	9W	
Operating Temperature	0-60°C	

**HPE 480GB 6G
SATA Value
Endurance SFF
2.5-in Quick-
release Enterprise
Value 3yr Wty Solid
State Drive**

718186-B21

Capacity	480GB	
Height	15mm	
Length x Width	Standard SFF	
Interface	SATA	
Transfer Rate Synchronous (Maximum)	6Gbps	
Performance	Rotational Speed	N/A

Technical Specifications

	Random Reads	64,000 IOP/s
	Random Writes	10,000 IOP/s
	Sequential Reads	480 MiB/s
	Sequential Writes	400 MiB/s
Physical Configuration	Logical Blocks	512 bytes
Power	9W	
Operating Temperature	0-60°C	

HPE 300GB 6G SATA Value Endurance SFF 2.5-in Quick-release Enterprise Value 3yr Wty Solid State Drive	739892-B21	Capacity	300GB		
		Height	15mm		
		Length x Width	Standard SFF		
		Interface	SATA		
		Transfer Rate Synchronous (Maximum)	6Gbps		
		Performance	Rotational Speed	N/A	
			Random Reads	61,000 IOP/s	
			Random Writes	9,200 IOP/s	
			Sequential Reads	475 MiB/s	
			Sequential Writes	300 MiB/s	
		Physical Configuration	Logical Blocks	512 bytes	
		Power	9W		
Operating Temperature	0-60°C				

HPE 240GB 6G SATA Read Intensive SFF 2.5-in Quick-release 3yr Wty Solid State Drive	789139-B21	Capacity	240GB		
		Height	15mm		
		Length x Width	Standard SFF		
		Interface	SATA		
		Transfer Rate Synchronous (Maximum)	6Gbps		
		Performance	Rotational Speed	N/A	
			Random Reads	61,000 IOP/s	
			Random Writes	11,800 IOP/s	
			Sequential Reads	530 MiB/s	
			Sequential Writes	275 MiB/s	
		Physical Configuration	Logical Blocks	512 bytes	
		Power	9W		

Technical Specifications

Operating Temperature 0-60°C

HPE 240GB 6G SATA Value Endurance SFF 2.5-in Quick-release Enterprise Value 3yr Wty Solid State Drive	718180-B21	Capacity	240GB	
		Height	15mm	
		Length x Width	Standard SFF	
		Interface	SATA	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	N/A
			Random Reads	64,000 IOP/s
			Random Writes	8,000 IOP/s
			Sequential Reads	475 MiB/s
			Sequential Writes	250 MiB/s
		Physical Configuration	Logical Blocks	512 bytes
Power	9W			
Operating Temperature 0-60°C				

6G SATA Read Intensive Non-hot Plug SFF (2.5-inch) Solid State Drives

HPE 1.6TB 6G SATA Value Endurance SFF 2.5-in Enterprise Value 3yr Wty Non-hot Plug Solid State Drive	757357-B21	Capacity	1.6TB	
		Height	15mm	
		Length x Width	Standard SFF	
		Interface	SATA	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	N/A
			Access Latency	
			Random Reads	59,000 IOP/s
			Random Writes	14,300 IOP/s
			Sequential Reads	485 MiB/s
			Sequential Writes	400 MiB/s
Physical Configuration	Logical Blocks	512 bytes		
Power	9W			
Operating Temperature 0-60°C				

HPE 240GB 6G	789143-B21	Capacity	240GB
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Technical Specifications

SATA Read Intensive SFF 2.5-in 3yr Wty Non-hot Plug Solid State Drive

Height	15mm										
Length x Width	Standard SFF										
Interface	SATA										
Transfer Rate Synchronous (Maximum)	6Gbps										
Performance	<table> <tr> <td>Rotational Speed</td> <td>N/A</td> </tr> <tr> <td>Random Reads</td> <td>61,000 IOP/s</td> </tr> <tr> <td>Random Writes</td> <td>11,800 IOP/s</td> </tr> <tr> <td>Sequential Reads</td> <td>530 MiB/s</td> </tr> <tr> <td>Sequential Writes</td> <td>275 MiB/s</td> </tr> </table>	Rotational Speed	N/A	Random Reads	61,000 IOP/s	Random Writes	11,800 IOP/s	Sequential Reads	530 MiB/s	Sequential Writes	275 MiB/s
Rotational Speed	N/A										
Random Reads	61,000 IOP/s										
Random Writes	11,800 IOP/s										
Sequential Reads	530 MiB/s										
Sequential Writes	275 MiB/s										
Physical Configuration	Logical Blocks 512 bytes										
Power	9W										
Operating Temperature	0-60°C										

HPE 120GB 6G SATA Value Endurance SFF 2.5-in ENT Value 3yr Wty Non-hot Plug G1 Solid State Drive

756633-B21

Capacity	120GB										
Height	15mm										
Length x Width	Standard SFF										
Interface	SATA										
Transfer Rate Synchronous (Maximum)	6Gbps										
Performance	<table> <tr> <td>Rotational Speed</td> <td>N/A</td> </tr> <tr> <td>Random Reads</td> <td>60,000 IOP/s</td> </tr> <tr> <td>Random Writes</td> <td>10,200 IOP/s</td> </tr> <tr> <td>Sequential Reads</td> <td>470 MiB/s</td> </tr> <tr> <td>Sequential Writes</td> <td>310 MiB/s</td> </tr> </table>	Rotational Speed	N/A	Random Reads	60,000 IOP/s	Random Writes	10,200 IOP/s	Sequential Reads	470 MiB/s	Sequential Writes	310 MiB/s
Rotational Speed	N/A										
Random Reads	60,000 IOP/s										
Random Writes	10,200 IOP/s										
Sequential Reads	470 MiB/s										
Sequential Writes	310 MiB/s										
Physical Configuration	Logical Blocks 512 bytes										
Power	9W										
Operating Temperature	0-60°C										

HPE Read Intensive Solid State M.2 Enablement Kit for ProLiant Servers

NOTE: The performance data in the table below is for a single M.2 SSD that would be installed in the M.2 enablement kit. Whether the assembly is a single M.2 or dual M.2 enablement kit installation, each M.2 SSD is an independent SSD device and the performance would be the same for each installed device of the same capacity.

HPE Dual 340GB Read Intensive-2 Solid State Drive M.2 Kit for

835565-B21

Capacity	340GB
Length x Width	N/A
Interface	SATA

Technical Specifications

**M.2 Kit for
ProLiant ML/DL
Servers**

Transfer Rate Synchronous (Maximum)	6Gbps
Performance	Rotational Speed
	Access Latency
	Random Reads 71,000 IOP/s
	Random Writes 14,500 IOP/s
	Sequential Reads 455 MiB/s
	Sequential Writes 320 MiB/s
Physical Configuration	Logical Blocks
Power	9W
Operating Temperature	0-60°C

**HPE 340GB Read
Intensive-2 Solid
State Drive M.2 Kit
for ProLiant ML/DL
Servers**

835565-B21

Capacity	340GB
Length x Width	N/A
Interface	SATA
Transfer Rate Synchronous (Maximum)	6Gbps
Performance	Rotational Speed
	Access Latency
	Random Reads 71,000 IOP/s
	Random Writes 14,500 IOP/s
	Sequential Reads 455 MiB/s
	Sequential Writes 320 MiB/s
Physical Configuration	Logical Blocks
Power	9W
Operating Temperature	0-60°C

**HPE Dual 120GB
Read Intensive-1
Solid State Drive
M.2 Kit for
ProLiant Blades**

846497-B21

Capacity	120GB
Length x Width	N/A
Interface	SATA
Transfer Rate Synchronous (Maximum)	6Gbps
Performance	Rotational Speed
	Access Latency
	Random Reads 11,500 IOP/s

NOTE: Performance data represents drive write cache enabled. If drive write cache is

Technical Specifications

disabled the performance may vary. This drive does not have power loss protection for write cache.

Random Writes	1,350 IOP/s
Sequential Reads	315 MiB/s
Sequential Writes	100 MiB/s
Physical Configuration	Logical Blocks
Power	9W
Operating Temperature	0-60°C

HPE 120GB Read Intensive-1 Solid State Drive M.2 Kit for ProLiant Blades

846495-B21

Capacity	120GB	
Length x Width	N/A	
Interface	SATA	
Transfer Rate Synchronous (Maximum)	6Gbps	
Performance	Rotational Speed	
NOTE: Performance data represents drive write cache enabled. If drive write cache is disabled the performance may vary. This drive does not have power loss protection for write cache.	Access Latency	
	Random Reads	11,500 IOP/s
	Random Writes	1,350 IOP/s
	Sequential Reads	315 MiB/s
	Sequential Writes	100 MiB/s
Physical Configuration	Logical Blocks	
Power	9W	
Operating Temperature	0-60°C	

HPE Dual 64GB Value Endurance Solid State M.2 Enablement Kit for ProLiant Blades

775588-B21

Capacity	64GB	
Length x Width	N/A	
Interface	SATA	
Transfer Rate Synchronous (Maximum)	6Gbps	
Performance	Rotational Speed	N/A
	Access Latency	
	Random Reads	10,000 IOP/s
	Random Writes	710 IOP/s
	Sequential Reads	330 MiB/s
	Sequential Writes	1.9 MiB/s
Physical Configuration	Logical Blocks	512 bytes

Technical Specifications

Power 9W
Operating Temperature 0-60°C

HPE Dual 64GB Value Endurance Solid State M.2 Enablement Kit for ProLiant Blades	775588-B21	Capacity	64GB		
		Length x Width	N/A		
		Interface	SATA		
		Transfer Rate Synchronous (Maximum)	6Gbps		
		Performance	Rotational Speed	N/A	
			Access Latency		
			Random Reads	10,000 IOP/s	
			Random Writes	710 IOP/s	
			Sequential Reads	330 MiB/s	
			Sequential Writes	1.9 MiB/s	
		Physical Configuration	Logical Blocks	512 bytes	
Power	9W				
Operating Temperature	0-60°C				

HPE 64GB Value Endurance Solid State M.2 Enablement Kit for ProLiant Blades	785233-B21	Capacity	64GB		
		Length x Width	N/A		
		Interface	SATA		
		Transfer Rate Synchronous (Maximum)	6Gbps		
		Performance	Rotational Speed	N/A	
			Access Latency		
			Random Reads	10,000 IOP/s	
			Random Writes	710 IOP/s	
			Sequential Reads	330 MiB/s	
			Sequential Writes	1.9 MiB/s	
		Physical Configuration	Logical Blocks	512 bytes	
Power	9W				
Operating Temperature	0-60°C				

NOTE: Performance shown is for a single 120GB M.2 Enablement Kit and will vary for the Dual 120GB M.2 Enablement.

HPE Dual 120GB	777894-B21	Capacity	120GB
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Technical Specifications

**Read Intensive
Solid State M.2
Enablement Kit for
ProLiant ML/DL
Servers**

Length x Width	N/A	
Interface	SATA	
Transfer Rate Synchronous (Maximum) Performance	6Gbps	
	Rotational Speed	N/A
	Access Latency	
	Random Reads	61,000 IOP/s
	Random Writes	12,000 IOP/s
	Sequential Reads	455 MiB/s
	Sequential Writes	150 MiB/s
Physical Configuration	Logical Blocks	512 bytes
Power	9W	
Operating Temperature	0-60°C	

**HPE 120GB Read
Intensive Solid
State M.2
Enablement Kit for
ProLiant ML/DL
Servers**

788028-B21

Capacity	120GB	
Length x Width	N/A	
Interface	SATA	
Transfer Rate Synchronous (Maximum) Performance	6Gbps	
	Rotational Speed	N/A
	Access Latency	
	Random Reads	61,000 IOP/s
	Random Writes	12,000 IOP/s
	Sequential Reads	455 MiB/s
	Sequential Writes	150 MiB/s
Physical Configuration	Logical Blocks	512 bytes
Power	9W	
Operating Temperature	0-60°C	

**HPE 120GB 6G
SATA Read
Intensive M.2 2280
3yr Wty Solid State
Drive**

777262-B21

Capacity	120GB	
Length x Width	N/A	
Interface	SATA	
Transfer Rate Synchronous (Maximum) Performance	6Gbps	
	Rotational Speed	N/A
	Random Reads	69,000 IOP/s
	Random Writes	12,000 IOP/s

Technical Specifications

	Sequential Reads	450 MiB/s
	Sequential Writes	150 MiB/s
Physical Configuration	Logical Blocks	512 bytes
Power	9W	
Operating Temperature	0-60°C	

HPE 340GB 6G SATA Read Intensive M.2 2280 3yr Wty Solid State Drive	777264-B21	Capacity	340GB	
		Length x Width		
		Interface	SATA	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	N/A
			Random Reads	71,000 IOP/s
			Random Writes	15,000 IOP/s
			Sequential Reads	455 MiB/s
			Sequential Writes	320 MiB/s
		Physical Configuration	Logical Blocks	512 bytes
Power	9W			
Operating Temperature	0-60°C			

12G SAS Read Intensive (RI) Hot Plug SFF (2.5-inch) Solid State Drives

NOTE: Random Performance is based on a 4KiB transfer size at a queue of 16. Sequential Performance is based on maximum device throughput.

HPE 3.84TB 12G SAS Read Intensive-3 SFF 2.5-in SC 3yr Wty Solid State Drive	816576-B21	Capacity	3.84TB	
		Length x Width	Standard SFF	
		Interface	SAS	
		Transfer Rate Synchronous (Maximum)	12Gbps	
		Performance	Random Reads	110,000 IOP/s
			Random Writes	24,000 IOP/s
			Sequential Reads	940 MiB/s
			Sequential Writes	975 MiB/s
			Physical Configuration	Logical Blocks
		Power	9W	
Operating Temperature	0-60°C			

Technical Specifications

HPE 1.92TB 12G SAS Read Intensive SFF 2.5-in SC 3yr Wty Solid State Drive	802891-B21	Capacity	1920GB		
		Length x Width	Standard SFF		
		Interface	SAS		
		Transfer Rate Synchronous (Maximum)	12Gbps		
		Performance	Rotational Speed	N/A	
			Random Reads	102,000 IOP/s	
			Random Writes	34,000 IOP/s	
			Sequential Reads	1,000 MiB/s	
			Sequential Writes	510 MiB/s	
		Physical Configuration	Logical Blocks	512 bytes	
Power	9W				
Operating Temperature	0-60°C				

HPE 1.92TB 12G SAS Read Intensive SFF 2.5-in 3yr Wty Solid State Drive	802888-B21	Capacity	1920GB		
		Length x Width	Standard SFF		
		Interface	SAS		
		Transfer Rate Synchronous (Maximum)	12Gbps		
		Performance	Rotational Speed	N/A	
			Random Reads	102,000 IOP/s	
			Random Writes	34,000 IOP/s	
			Sequential Reads	1,000 MiB/s	
			Sequential Writes	510 MiB/s	
		Physical Configuration	Logical Blocks	512 bytes	
Power	9W				
Operating Temperature	0-60°C				

HPE 1.6TB 12G SAS Value Endurance SFF 2.5-in SC Enterprise Value 3yr Wty Solid State Drive	762263-B21	Capacity	1600GB	
		Length x Width	Standard SFF	
		Interface	SAS	
		Transfer Rate Synchronous (Maximum)	12Gbps	
		Performance	Rotational Speed	N/A
Random Reads	96,000 IOP/s			

Technical Specifications

	Random Writes	25,000 IOP/s
	Sequential Reads	1,000 MiB/s
	Sequential Writes	385 MiB/s
Physical Configuration	Logical Blocks	512 bytes
Power	9W	
Operating Temperature	0-60°C	

HPE 800GB 12G SAS Value Endurance SFF 2.5-in SC Enterprise Value 3yr Wty Solid State Drive	762261-B21	Capacity	800GB	
		Length x Width	Standard SFF	
		Interface	SAS	
		Transfer Rate Synchronous (Maximum)	12Gbps	
		Performance	Rotational Speed	N/A
			Random Reads	91,000 IOP/s
			Random Writes	28,000 IOP/s
			Sequential Reads	1,000 MiB/s
			Sequential Writes	390 MiB/s
		Physical Configuration	Logical Blocks	512 bytes
		Power	9W	
Operating Temperature	0-60°C			

12G SAS Read Intensive (RI) Hot Plug LFF (3.5-inch) Solid State Drives

HPE 1.6TB 12G SAS Value Endurance LFF 3.5-in SC Converter Enterprise Value 3yr Wty Solid State Drive	762272-B21	Capacity	1600GB	
		Length x Width	Standard LFF	
		Interface	SAS	
		Transfer Rate Synchronous (Maximum)	12Gbps	
		Performance	Rotational Speed	N/A
			Random Reads	96,000 IOP/s
			Random Writes	25,000 IOP/s
			Sequential Reads	1,000 MiB/s
			Sequential Writes	385 MiB/s
		Physical Configuration	Logical Blocks	512 bytes
		Power	9W	
Operating Temperature	0-60°C			

Technical Specifications

HPE 800GB 12G SAS Value Endurance LFF 3.5-in SC Converter Enterprise Value 3yr Wty Solid State Drive	762270-B21	Capacity	800GB	
		Length x Width	Standard LFF	
		Interface	SAS	
		Transfer Rate Synchronous (Maximum)	12Gbps	
		Performance	Rotational Speed	N/A
			Random Reads	91,000 IOP/s
			Random Writes	28,000 IOP/s
			Sequential Reads	1,000 MiB/s
			Sequential Writes	390 MiB/s
		Physical Configuration	Logical Blocks	512 bytes
		Power	9W	
		Operating Temperature	0-60°C	

NVMe PCIe Read Intensive (RI) Hot Insertion/Assisted Removal SFF (2.5-inch) Solid State Drives

NOTE: Please see select Gen9 compatibility on SKU listings page 5.

HPE 2TB NVMe PCIe Read Intensive SFF 2.5-in SC2 3yr Wty Solid State Drive	764908-B21	Capacity	2.0TB	
		Height	15mm	
		Length x Width	Standard SFF	
		Interface	PCIe	
		Transfer Rate Synchronous (Maximum)		
		Performance	Rotational Speed	
			Random Reads	145,000 IOP/s
			Random Writes	29,000 IOP/s
			Sequential Reads	2,500 MiB/s
			Sequential Writes	1,600 MiB/s
		Physical Configuration	Logical Blocks	512 bytes
		Power	25W	
		Operating Temperature	0-60°C	

HPE 1.2TB NVMe PCIe Read Intensive SFF 2.5-in SC2 3yr Wty Solid State Drive	764906-B21	Capacity	1.2TB	
		Height	15mm	
		Length x Width	Standard SFF	
		Interface	PCIe	

Technical Specifications

Transfer Rate Synchronous (Maximum)		
Performance	Rotational Speed	N/A
	Random Reads	141,000 IOP/s
	Random Writes	23,500 IOP/s
	Sequential Reads	2,500 MiB/s
Physical Configuration	Sequential Writes	1,200 MiB/s
Physical Configuration	Logical Blocks	
Power	25W	
Operating Temperature	0-60°C	

HPE 400GB NVMe PCIe Read Intensive SFF 2.5-in SC2 3yr Wty Solid State Drive

764904-B21

Capacity	400GB	
Height	15mm	
Length x Width	Standard SFF	
Interface	PCIe	
Transfer Rate Synchronous (Maximum)		
Performance	Rotational Speed	N/A
	Random Reads	150,000 IOP/s
	Random Writes	26,500 IOP/s
	Sequential Reads	2,200 MiB/s
Physical Configuration	Sequential Writes	950 MiB/s
Physical Configuration	Logical Blocks	512 bytes
Power	25W	
Operating Temperature	0-60°C	

Mixed Use SSDs

NOTE: Random Performance is based on a 4KiB transfer size at a queue of 16.

6G SATA Mixed Use Hot Plug SFF (2.5-inch) Solid State Drives

HPE 1.92TB 6G SATA Mixed Use-3 SFF 2.5-in SC 3yr Wty Solid State Drive

817011-B21

Capacity	1.92TB	
Height	15mm	
Length x Width	Standard SFF	
Interface	SATA	
Transfer Rate Synchronous (Maximum)	6Gbps	
Performance	Rotational Speed	

Technical Specifications

	Random Reads	67,000 IOP/s
	Random Writes	29,500 IOP/s
	Sequential Reads	535 MiB/s
	Sequential Writes	500 MiB/s
Physical Configuration	Logical Blocks	512 bytes
Power	9W	
Operating Temperature	0-60°C	

HPE 1.6TB 6G SATA Mixed Use-2 SFF 2.5-in SC 3yr Wty Solid State Drive	804631-B21	Capacity	1.6TB	
		Height	15mm	
		Length x Width	Standard SFF	
		Interface	SATA	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	
			Random Reads	64,000 IOP/s
			Random Writes	23,000 IOP/s
			Sequential Reads	535 MiB/s
			Sequential Writes	360 MiB/s
		Physical Configuration	Logical Blocks	
		Power	9W	
Operating Temperature	0-60°C			

HPE 960GB 6G SATA Mixed Use-3 SFF 2.5-in SC 3yr Wty Solid State Drive	816995-B21	Capacity	960GB	
		Height	15mm	
		Length x Width	Standard SFF	
		Interface	SATA	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	
			Random Reads	67,000 IOP/s
			Random Writes	26,500 IOP/s
			Sequential Reads	535 MiB/s
			Sequential Writes	500 MiB/s
		Physical Configuration	Logical Blocks	512 bytes
		Power	9W	

Technical Specifications

Operating Temperature 0-60°C

HPE 960GB 6G SATA Light Endurance SFF 2.5-in SC Enterprise Light 3yr Wty G1 Solid State Drive	756601-B21	Capacity	960GB	
		Height	15mm	
		Length x Width	Standard SFF	
		Interface	SATA	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	N/A
			Random Reads	58,800 IOP/s
			Random Writes	13,200 IOP/s
			Sequential Reads	470 MiB/s
			Sequential Writes	455 MiB/s
Physical Configuration	Logical Blocks	512 bytes		
Power	9W			
Operating Temperature 0-60°C				

HPE 800GB 6G SATA Mixed Use-2 SFF 2.5-in SC 3yr Wty Solid State Drive	804625-B21	Capacity	800GB	
		Height	15mm	
		Length x Width	Standard SFF	
		Interface	SATA	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	
			Random Reads	64,000 IOP/s
			Random Writes	24,000 IOP/s
			Sequential Reads	535 MiB/s
			Sequential Writes	380 MiB/s
Physical Configuration	Logical Blocks			
Power	9W			
Operating Temperature 0-60°C				

HPE 800GB 6G SATA Value Endurance SFF 2.5-in SC Enterprise Value	764929-B21	Capacity	800GB
		Height	15mm
		Length x Width	Standard LFF
		Interface	SATA

Technical Specifications

3yr Wty M1 Solid State Drive

Transfer Rate Synchronous (Maximum)	6Gbps		
Performance	Rotational Speed		N/A
	Random Reads		58,000 IOP/s
	Random Writes		26,000 IOP/s
	Sequential Reads		420 MiB/s
	Sequential Writes		335 MiB/s
Physical Configuration	Logical Blocks		512 bytes
Power	9W		
Operating Temperature	0-60°C		

HPE 800GB 6G SATA Value Endurance SFF 2.5-in Enterprise Value 3yr Wty M1 Solid State Drive

764921-B21

Capacity	800GB		
Height	15mm		
Length x Width	Standard LFF		
Interface	SATA		
Transfer Rate Synchronous (Maximum) Performance	Rotational Speed		N/A
	Random Reads		58,000 IOP/s
	Random Writes		26,000 IOP/s
	Sequential Reads		420 MiB/s
	Sequential Writes		335 MiB/s
Physical Configuration	Logical Blocks		512 bytes
Power	9W		
Operating Temperature	0-60°C		

HPE 480GB 6G SATA Mixed Use-3 SFF 2.5-in SC 3yr Wty Solid State Drive

816985-B21

Capacity	480GB		
Height	15mm		
Length x Width	Standard SFF		
Interface	SATA		
Transfer Rate Synchronous (Maximum) Performance	Rotational Speed		
	Random Reads		67,000 IOP/s
	Random Writes		26,500 IOP/s
	Sequential Reads		535 MiB/s

Technical Specifications

	Sequential Writes	495 MiB/s
Physical Configuration	Logical Blocks	512 bytes
Power	9W	
Operating Temperature	0-60°C	

HPE 480GB 6G SATA Mixed Use-2 SFF 2.5-in SC 3yr Wty Solid State Drive	832414-B21	Capacity	480GB	
		Height	15mm	
		Length x Width	Standard SFF	
		Interface	SATA	
		Transfer Rate Synchronous (Maximum) Performance	6Gbps	
			Rotational Speed	
			Random Reads	64,000 IOP/s
			Random Writes	26,000 IOP/s
			Sequential Reads	535 MiB/s
			Sequential Writes	380 MiB/s
	Physical Configuration	Logical Blocks		
	Power	9W		
	Operating Temperature	0-60°C		

HPE 480GB 6G SATA Value Endurance SFF 2.5-in SC Enterprise Value 3yr Wty G1 Solid State Drive	756657-B21	Capacity	480GB	
		Height	15mm	
		Length x Width	Standard SFF	
		Interface	SATA	
		Transfer Rate Synchronous (Maximum) Performance	6Gbps	
			Rotational Speed	N/A
			Random Reads	59,500 IOP/s
			Random Writes	14,400 IOP/s
			Sequential Reads	470 MiB/s
			Sequential Writes	470 MiB/s
	Physical Configuration	Logical Blocks	512 bytes	
	Power	9W		
	Operating Temperature	0-60°C		

HPE 480GB 6G	756666-B21	Capacity	480GB
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Technical Specifications

SATA Value Endurance SFF 2.5-in Enterprise Value 3yr Wty G1 Solid State Drive	Height	15mm	
	Length x Width	Standard SFF	
	Interface	SATA	
	Transfer Rate Synchronous (Maximum)	6Gbps	
	Performance	Rotational Speed	N/A
		Random Reads	59,500 IOP/s
		Random Writes	14,400 IOP/s
		Sequential Reads	470 MiB/s
		Sequential Writes	470 MiB/s
	Physical Configuration	Logical Blocks	512 bytes
	Power	9W	
	Operating Temperature	0-60°C	

HPE 480GB 6G SATA Value Endurance SFF 2.5-in SC Enterprise Value 3yr Wty M1 Solid State Drive	764927-B21	Capacity	480GB
		Height	15mm
		Length x Width	Standard SFF
		Interface	SATA
		Transfer Rate Synchronous (Maximum)	6Gbps
		Performance	Rotational Speed
			N/A
		Random Reads	58,000 IOP/s
		Random Writes	35,000 IOP/s
		Sequential Reads	420 MiB/s
		Sequential Writes	390 MiB/s
		Physical Configuration	Logical Blocks
			512 bytes
		Power	9W
		Operating Temperature	0-60°C

HPE 480GB 6G SATA Value Endurance SFF 2.5-in Enterprise Value 3yr Wty M1 Solid State Drive	764918-B21	Capacity	480GB
		Height	15mm
		Length x Width	Standard SFF
		Interface	SATA
		Transfer Rate Synchronous (Maximum)	6Gbps
		Performance	Rotational Speed
			N/A

Technical Specifications

	Random Reads	58,000 IOP/s
	Random Writes	35,000 IOP/s
	Sequential Reads	420 MiB/s
	Sequential Writes	390 MiB/s
Physical Configuration	Logical Blocks	512 bytes
Power	9W	
Operating Temperature	0-60°C	

HPE 240GB 6G SATA Value Endurance SFF 2.5-in SC Enterprise Value 3yr Wty G1 Solid State Drive	756636-B21	Capacity	240GB	
		Height	15mm	
		Length x Width	Standard SFF	
		Interface	SATA	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	N/A
			Random Reads	59,500 IOP/s
			Random Writes	14,300 IOP/s
			Sequential Reads	470 MiB/s
			Sequential Writes	460 MiB/s
		Physical Configuration	Logical Blocks	512 bytes
		Power	9W	
		Operating Temperature	0-60°C	

HPE 240GB 6G SATA Value Endurance SFF 2.5-in Enterprise Value 3yr Wty G1 Solid State Drive	756651-B21	Capacity	240GB	
		Height	15mm	
		Length x Width	Standard SFF	
		Interface	SATA	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	N/A
			Random Reads	59,500 IOP/s
			Random Writes	14,300 IOP/s
			Sequential Reads	470 MiB/s
			Sequential Writes	460 MiB/s
		Physical Configuration	Logical Blocks	512 bytes
		Power	9W	

Technical Specifications

Operating Temperature 0-60°C

HPE 240GB 6G SATA Value Endurance SFF 2.5-in Enterprise Value 3yr Wty M1 Solid State Drive	764916-B21	Capacity	240GB		
		Height	15mm		
		Length x Width	Standard SFF		
		Interface	SATA		
		Transfer Rate Synchronous (Maximum)	6Gbps		
		Performance	Rotational Speed	N/A	
			Random Reads	58,000 IOP/s	
			Random Writes	35,000 IOP/s	
			Sequential Reads	420 MiB/s	
			Sequential Writes	325 MiB/s	
Physical Configuration	Logical Blocks	512 bytes			
Power	9W				
Operating Temperature 0-60°C					

HPE 240GB 6G SATA Value Endurance SFF 2.5-in SC Enterprise Value 3yr Wty M1 Solid State Drive	764925-B21	Capacity	240GB		
		Height	15mm		
		Length x Width	Standard SFF		
		Interface	SATA		
		Transfer Rate Synchronous (Maximum)	6Gbps		
		Performance	Rotational Speed	N/A	
			Random Reads	58,000 IOP/s	
			Random Writes	35,000 IOP/s	
			Sequential Reads	420 MiB/s	
			Sequential Writes	325 MiB/s	
Physical Configuration	Logical Blocks	512 bytes			
Power	9W				
Operating Temperature 0-60°C					

HPE 200GB 6G SATA Mixed Use-2 SFF 2.5-in SC 3yr Wty Solid State Drive	804613-B21	Capacity	200GB	
		Height	15mm	
		Length x Width	Standard SFF	
		Interface	SATA	

Technical Specifications

Transfer Rate Synchronous (Maximum)	6Gbps
Performance	Rotational Speed
	Random Reads 64,000 IOP/s
	Random Writes 12,000 IOP/s
	Sequential Reads 535 MiB/s
	Sequential Writes 220 MiB/s
Physical Configuration	Logical Blocks
Power	9W
Operating Temperature	0-60°C

HPE 120GB 6G SATA Value Endurance SFF 2.5-in SC Enterprise Value 3yr Wty G1 Solid State Drive

756621-B21

Capacity	120GB
Height	15mm
Length x Width	Standard SFF
Interface	SATA
Transfer Rate Synchronous (Maximum)	6Gbps
Performance	Rotational Speed N/A
	Random Reads 60,000 IOP/s
	Random Writes 10,200 IOP/s
	Sequential Reads 470 MiB/s
	Sequential Writes 310 MiB/s
Physical Configuration	Logical Blocks 512 bytes
Power	9W
Operating Temperature	0-60°C

HPE 120GB 6G SATA Value Endurance SFF 2.5-in Enterprise Value 3yr Wty G1 Solid State Drive

756630-B21

Capacity	120GB
Height	15mm
Length x Width	Standard SFF
Interface	SATA
Transfer Rate Synchronous (Maximum)	6Gbps
Performance	Rotational Speed N/A
	Random Reads 60,000 IOP/s
	Random Writes 10,200 IOP/s
	Sequential Reads 470 MiB/s
	Sequential Writes 310 MiB/s

Technical Specifications

Physical Configuration	Logical Blocks	512 bytes
Power	9W	
Operating Temperature	0-60°C	

HPE 120GB 6G SATA Value Endurance SFF 2.5-in SC Enterprise Value 3yr Wty M1 Solid State Drive	764923-B21	Capacity	120GB	
		Height	15mm	
		Length x Width	Standard SFF	
		Interface	SATA	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	N/A
			Random Reads	58,000 IOP/s
			Random Writes	24,000 IOP/s
			Sequential Reads	430 MiB/s
			Sequential Writes	205 MiB/s
		Physical Configuration	Logical Blocks	512 bytes
Power	9W			
Operating Temperature	0-60°C			

HPE 120GB 6G SATA Value Endurance SFF 2.5-in Enterprise Value 3yr Wty M1 Solid State Drive	764914-B21	Capacity	120GB	
		Height	15mm	
		Length x Width	Standard SFF	
		Interface	SATA	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	N/A
			Random Reads	58,000 IOP/s
			Random Writes	24,000 IOP/s
			Sequential Reads	430 MiB/s
			Sequential Writes	205 MiB/s
		Physical Configuration	Logical Blocks	512 bytes
Power	9W			
Operating Temperature	0-60°C			

6G SATA Mixed Use Hot Plug LFF (3.5-inch) Solid State Drives

HPE 1.6TB 6G	804634-B21	Capacity	1.6TB
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Technical Specifications

**SATA Mixed Use-2
LFF 3.5-in SCC 3yr
Wty Solid State
Drive**

Height	15mm
Length x Width	Standard LFF
Interface	SATA
Transfer Rate Synchronous (Maximum)	6Gbps
Performance	Rotational Speed
	Random Reads 64,000 IOP/s
	Random Writes 23,000 IOP/s
	Sequential Reads 535 MiB/s
	Sequential Writes 360 MiB/s
Physical Configuration	Logical Blocks 512 bytes
Power	9W
Operating Temperature	0-60°C

**HPE 960GB 6G
SATA Mixed Use-3
LFF 3.5-in SC
Converter 3yr Wty
Solid State Drive**

816999-B21

Capacity	960GB
Height	15mm
Length x Width	Standard LFF
Interface	SATA
Transfer Rate Synchronous (Maximum)	6Gbps
Performance	Rotational Speed
	Random Reads 67,000 IOP/s
	Random Writes 26,500 IOP/s
	Sequential Reads 535 MiB/s
	Sequential Writes 500 MiB/s
Physical Configuration	Logical Blocks 512 bytes
Power	9W
Operating Temperature	0-60°C

**HPE 800GB 6G
SATA Mixed Use-2
LFF 3.5-in SCC 3yr
Wty Solid State
Drive**

804628-B21

Capacity	800GB
Height	15mm
Length x Width	Standard LFF
Interface	SATA
Transfer Rate Synchronous (Maximum)	6Gbps
Performance	Rotational Speed

Technical Specifications

Random Reads	64,000 IOP/s
Random Writes	24,000 IOP/s
Sequential Reads	535 MiB/s
Sequential Writes	380 MiB/s

Physical Configuration Logical Blocks

Power 9W

Operating Temperature 0-60°C

**HPE 800GB 6G
SATA Value
Endurance LFF
3.5-in SC
Converter ENT
Value 3yr Wty M1
Solid State Drive**

764945-B21

Capacity	800GB
Height	15mm
Length x Width	Standard LFF
Interface	SATA
Transfer Rate Synchronous (Maximum)	6Gbps

Performance	Rotational Speed	N/A
	Random Reads	58,000 IOP/s
	Random Writes	26,000 IOP/s
	Sequential Reads	420 MiB/s
	Sequential Writes	335 MiB/s

Physical Configuration Logical Blocks 512 bytes

Power 9W

Operating Temperature 0-60°C

**HPE 480GB 6G
SATA Mixed Use-3
LFF 3.5-in SC
Converter 3yr Wty
Solid State Drive**

816989-B21

Capacity	480GB
Height	15mm
Length x Width	Standard LFF
Interface	SATA
Transfer Rate Synchronous (Maximum)	6Gbps

Performance	Rotational Speed	
	Random Reads	67,000 IOP/s
	Random Writes	26,500 IOP/s
	Sequential Reads	535 MiB/s
	Sequential Writes	495 MiB/s

Physical Configuration Logical Blocks 512 bytes

Power 9W

Technical Specifications

Operating Temperature 0-60°C

HPE 480GB 6G SATA Mixed Use-2 LFF 3.5-in SCC 3yr Wty Solid State Drive	832417-B21	Capacity	480GB		
		Height	15mm		
		Length x Width	Standard LFF		
		Interface	SATA		
		Transfer Rate Synchronous (Maximum)	6Gbps		
		Performance	Rotational Speed		
			Random Reads	64,000 IOP/s	
			Random Writes	26,000 IOP/s	
			Sequential Reads	535 MiB/s	
			Sequential Writes	380 MiB/s	
Physical Configuration	Logical Blocks				
Power	9W				
Operating Temperature 0-60°C					

HPE 480GB 6G SATA Value Endurance LFF 3.5-in SC Converter ENT Value 3yr Wty G1 Solid State Drive	756660-B21	Capacity	480GB		
		Height	15mm		
		Length x Width	Standard LFF		
		Interface	SATA		
		Transfer Rate Synchronous (Maximum)	6Gbps		
		Performance	Rotational Speed	N/A	
			Random Reads	59,500 IOP/s	
			Random Writes	14,400 IOP/s	
			Sequential Reads	470 MiB/s	
			Sequential Writes	470 MiB/s	
Physical Configuration	Logical Blocks 512 bytes				
Power	9W				
Operating Temperature 0-60°C					

HPE 480GB 6G SATA Value Endurance LFF 3.5-in SC Converter FNT	764943-B21	Capacity	480GB	
		Height	15mm	
		Length x Width	Standard LFF	
		Interface	SATA	

Technical Specifications

**Value 3yr Wty M1
Solid State Drive**

Transfer Rate Synchronous (Maximum)	6Gbps	
Performance	Rotational Speed	N/A
	Random Reads	58,000 IOP/s
	Random Writes	35,000 IOP/s
	Sequential Reads	420 MiB/s
	Sequential Writes	390 MiB/s
Physical Configuration	Logical Blocks	512 bytes
Power	9W	
Operating Temperature	0-60°C	

**HPE 480GB 6G
SATA Value
Endurance LFF
3.5-in Converter
Enterprise Value
3yr Wty M1 Solid
State Drive**

764943-B21

Capacity	480GB	
Height	15mm	
Length x Width	Standard LFF	
Interface	SATA	
Transfer Rate Synchronous (Maximum)	6Gbps	
Performance	Rotational Speed	N/A
	Random Reads	58,000 IOP/s
	Random Writes	35,000 IOP/s
	Sequential Reads	420 MiB/s
	Sequential Writes	390 MiB/s
Physical Configuration	Logical Blocks	512 bytes
Power	9W	
Operating Temperature	0-60°C	

**HPE 240GB 6G
SATA Value
Endurance LFF
3.5-in SC
Converter ENT
Value 3yr Wty M1
Solid State Drive**

764941-B21

Capacity	240GB	
Height	15mm	
Length x Width	Standard LFF	
Interface	SATA	
Transfer Rate Synchronous (Maximum)	6Gbps	
Performance	Rotational Speed	N/A
	Random Reads	58,000 IOP/s
	Random Writes	35,000 IOP/s
	Sequential Reads	420 MiB/s

Technical Specifications

	Sequential Writes	325 MiB/s
Physical Configuration	Logical Blocks	512 bytes
Power	9W	
Operating Temperature	0-60°C	

HPE 240GB 6G SATA Value Endurance LFF 3.5-in SC Converter ENT Value 3yr Wty G1 Solid State Drive	756639-B21	Capacity	240GB	
		Height	15mm	
		Length x Width	Standard LFF	
		Interface	SATA	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	N/A
			Random Reads	59,500 IOP/s
			Random Writes	14,300 IOP/s
			Sequential Reads	470 MiB/s
			Sequential Writes	460 MiB/s
		Physical Configuration	Logical Blocks	512 bytes
		Power	9W	
		Operating Temperature	0-60°C	

HPE 200GB 6G SATA Mixed Use-2 LFF 3.5-in SCC 3yr Wty Solid State Drive	804616-B21	Capacity	200GB	
		Height	15mm	
		Length x Width	Standard LFF	
		Interface	SATA	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	
			Random Reads	64,000 IOP/s
			Random Writes	12,000 IOP/s
			Sequential Reads	535 MiB/s
			Sequential Writes	220 MiB/s
		Physical Configuration	Logical Blocks	512 bytes
		Power	9W	
		Operating Temperature	0-60°C	

Technical Specifications

HPE 120GB 6G SATA Value Endurance LFF 3.5-in SC Converter ENT Value 3yr Wty G1 Solid State Drive	756624-B21	Capacity	120GB	
		Height	15mm	
		Length x Width	Standard LFF	
		Interface	SATA	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	N/A
			Random Reads	60,000 IOP/s
			Random Writes	10,200 IOP/s
			Sequential Reads	470 MiB/s
			Sequential Writes	310 MiB/s
Physical Configuration	Logical Blocks	512 bytes		
Power	9W			
Operating Temperature	0-60°C			

6G SATA Mixed Use Quick-release SFF (2.5-inch) Solid State Drives

HPE 800GB 6G SATA Value Endurance SFF 2.5-in Quick- release ENT Value 3yr Wty M1 Solid State Drive	764953-B21	Capacity	800GB	
		Height	15mm	
		Length x Width	Standard SFF	
		Interface	SATA	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	N/A
			Random Reads	58,000 IOP/s
			Random Writes	26,000 IOP/s
			Sequential Reads	420 MiB/s
			Sequential Writes	335 MiB/s
Physical Configuration	Logical Blocks	512 bytes		
Power	9W			
Operating Temperature	0-60°C			

HPE 480GB 6G SATA Value Endurance SFF 2.5-in Quick- release ENT Value	756663-B21	Capacity	480GB
		Height	15mm
		Length x Width	Standard SFF
		Interface	SATA

Technical Specifications

3yr Wty G1 Solid State Drive

Transfer Rate Synchronous (Maximum)	6Gbps		
Performance	Rotational Speed	N/A	
	Random Reads	59,500 IOP/s	
	Random Writes	14,400 IOP/s	
	Sequential Reads	470 MiB/s	
	Sequential Writes	470 MiB/s	
Physical Configuration	Logical Blocks	512 bytes	
Power	9W		
Operating Temperature	0-60°C		

HPE 480GB 6G SATA Value Endurance SFF 2.5-in Quick-release ENT Value 3yr Wty M1 Solid State Drive

764951-B21

Capacity	480GB		
Height	15mm		
Length x Width	Standard SFF		
Interface	SATA		
Transfer Rate Synchronous (Maximum)	6Gbps		
Performance	Rotational Speed	N/A	
	Random Reads	58,000 IOP/s	
	Random Writes	35,000 IOP/s	
	Sequential Reads	420 MiB/s	
	Sequential Writes	390 MiB/s	
Physical Configuration	Logical Blocks	512 bytes	
Power	9W		
Operating Temperature	0-60°C		

HPE 240GB 6G SATA Value Endurance SFF 2.5-in Quick-release ENT Value 3yr Wty G1 Solid State Drive

756642-B21

Capacity	240GB		
Height	15mm		
Length x Width	Standard SFF		
Interface	SATA		
Transfer Rate Synchronous (Maximum)	6Gbps		
Performance	Rotational Speed	N/A	
	Random Reads	59,500 IOP/s	
	Random Writes	14,300 IOP/s	
	Sequential Reads	470 MiB/s	

Technical Specifications

	Sequential Writes	460 MiB/s
Physical Configuration	Logical Blocks	512 bytes
Power	9W	
Operating Temperature	0-60°C	-

HPE 240GB 6G SATA Value Endurance SFF 2.5-in Quick-release ENT Value 3yr Wty M1 Solid State Drive	764949-B21	Capacity	240GB	
		Height	15mm	
		Length x Width	Standard SFF	
		Interface	SATA	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	N/A
			Random Reads	58,000 IOP/s
			Random Writes	35,000 IOP/s
			Sequential Reads	420 MiB/s
			Sequential Writes	325 MiB/s
		Physical Configuration	Logical Blocks	512 bytes
		Power	9W	
Operating Temperature	0-60°C			

HPE 120GB 6G SATA Value Endurance SFF 2.5-in Quick-release ENT Value 3yr Wty M1 Solid State Drive	764947-B21	Capacity	120GB	
		Height	15mm	
		Length x Width	Standard SFF	
		Interface	SATA	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	N/A
			Random Reads	58,000 IOP/s
			Random Writes	24,000 IOP/s
			Sequential Reads	430 MiB/s
			Sequential Writes	205 MiB/s
		Physical Configuration	Logical Blocks	512 bytes
		Power	9W	
Operating Temperature	0-60°C			

HPE 120GB 6G	756627-B21	Capacity	120GB
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Technical Specifications

SATA Value Endurance SFF 2.5-in Quick- release ENT Value 3yr Wty G1 Solid State Drive	Height	15mm	
	Length x Width	Standard SFF	
	Interface	SATA	
	Transfer Rate Synchronous (Maximum)	6Gbps	
	Performance	Rotational Speed	N/A
		Random Reads	60,000 IOP/s
		Random Writes	10,200 IOP/s
		Sequential Reads	470 MiB/s
		Sequential Writes	310 MiB/s
	Physical Configuration	Logical Blocks	512 bytes
	Power	9W	
	Operating Temperature	0-60°C	

6G SATA Mixed Use Non-hot Plug SFF (2.5-inch) Solid State Drives

HPE 960GB 6G SATA Light Endurance SFF 2.5-in ENT Light Non-hot Plug 3yr Wty G1 Solid State Drive	756614-B21	Capacity	960GB	
		Height	15mm	
		Length x Width	Standard SFF	
		Interface	SATA	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	
			N/A	
		Random Reads	58,800 IOP/s	
		Random Writes	13,200 IOP/s	
		Sequential Reads	470 MiB/s	
		Sequential Writes	455 MiB/s	
		Physical Configuration	Logical Blocks	
			512 bytes	
		Power	9W	
		Operating Temperature	0-60°C	

HPE 480GB 6G SATA Value Endurance SFF 2.5-in ENT Value 3yr Wty Non-hot Plug G1 Solid State Drive	756669-B21	Capacity	480GB
		Height	15mm
		Length x Width	Standard SFF
		Interface	SATA
		Transfer Rate Synchronous (Maximum)	6Gbps

Technical Specifications

Performance	Rotational Speed	N/A
	Random Reads	59,500 IOP/s
	Random Writes	14,400 IOP/s
	Sequential Reads	470 MiB/s
	Sequential Writes	470 MiB/s
Physical Configuration	Logical Blocks	512 bytes
Power	9W	
Operating Temperature	0-60°C	-

**HPE 240GB 6G
SATA Value
Endurance SFF
2.5-in ENT Value
3yr Wty Non-hot
Plug G1 Solid
State Drive**

756654-B21

Capacity	240GB	
	Height	15mm
	Length x Width	Standard SFF
	Interface	SATA
	Transfer Rate Synchronous (Maximum)	6Gbps
Performance	Rotational Speed	N/A
	Random Reads	59,500 IOP/s
	Random Writes	14,300 IOP/s
	Sequential Reads	470 MiB/s
	Sequential Writes	460 MiB/s
Physical Configuration	Logical Blocks	512 bytes
Power	9W	
Operating Temperature	0-60°C	

**HPE 120GB 6G
SATA Value
Endurance SFF
2.5-in ENT Value
3yr Wty Non-hot
Plug G1 Solid
State Drive**

756633-B21

Capacity	120GB	
	Height	15mm
	Length x Width	Standard SFF
	Interface	SATA
	Transfer Rate Synchronous (Maximum)	6Gbps
Performance	Rotational Speed	N/A
	Random Reads	60,000 IOP/s
	Random Writes	10,200 IOP/s
	Sequential Reads	470 MiB/s
	Sequential Writes	310 MiB/s
Physical Configuration	Logical Blocks	512 bytes
Power	9W	

Technical Specifications

Operating Temperature 0-60°C

NVMe PCIe Mixed Use (MU) Hot Insertion/Assisted Removal SFF (2.5-inch) Solid State Drives

NOTE: Please see select Gen9 compatibility on SKU listings page 8.

HPE 2TB NVMe PCIe Mixed Use SFF 2.5-in SC2 3yr Wty Solid State Drive	765044-B21	Capacity	2.0TB	
		Height	15mm	
		Length x Width	Standard SFF	
		Interface	PCIe	
		Transfer Rate Synchronous (Maximum)		
		Performance	Rotational Speed	
			Random Reads	145,000 IOP/s
			Random Writes	64,000 IOP/s
			Sequential Reads	2,600 MiB/s
			Sequential Writes	1,600 MiB/s
		Physical Configuration	Logical Blocks	512 bytes
Power	25W			
Operating Temperature	0-60°C			

HPE 1.6TB NVMe PCIe Mixed Use SFF 2.5-in SC2 3yr Wty Solid State Drive	765038-B21	Capacity	1.6TB	
		Height	15mm	
		Length x Width	Standard SFF	
		Interface	PCIe	
		Transfer Rate Synchronous (Maximum)		
		Performance	Rotational Speed	
			Random Reads	140,000 IOP/s
			Random Writes	67,000 IOP/s
			Sequential Reads	2,400 MiB/s
			Sequential Writes	1,400 MiB/s
		Physical Configuration	Logical Blocks	512 bytes
Power	25W			
Operating Temperature	0-60°C			

HPE 800GB NVMe	736936-B21	Capacity	800GB
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Technical Specifications

**PCIe Mixed Use
SFF 2.5-in SC2 3yr
Wty Solid State
Drive**

Height	15mm
Length x Width	Standard SFF
Interface	PCIe
Transfer Rate Synchronous (Maximum) Performance	Rotational Speed Random Reads 140,000 IOP/s Random Writes 53,000 IOP/s Sequential Reads 2,400 MiB/s Sequential Writes 900 MiB/s
Physical Configuration	Logical Blocks 512 bytes
Power	25W
Operating Temperature	0-60°C

**HPE 400GB NVMe
PCIe Mixed Use
SFF 2.5-in SC2 3yr
Wty Solid State
Drive**

765034-B21

Capacity	400GB
Height	15mm
Length x Width	Standard SFF
Interface	PCIe
Performance	Rotational Speed Random Reads 130,000 IOP/s Random Writes 39,500 IOP/s Sequential Reads 2,000 MiB/s Sequential Writes 475 MiB/s
Physical Configuration	Logical Blocks 512 bytes
Power	25W
Operating Temperature	0-60°C

12G SAS Mixed Use (MU) Hot Plug SFF (2.5-inch) Solid State Drives

NOTE: Random Performance is based on a 4KiB transfer size at a queue of 16. Sequential Performance is based on maximum device throughput.

**HPE 3.2TB 12G
SAS Mixed Use-3
SFF 2.5-in SC 3yr
Wty Solid State
Drive**

822567-B21

Capacity	3.2TB
Height	15mm
Length x Width	Standard SFF
Interface	SAS
Transfer Rate Synchronous (Maximum)	12Gbps

Technical Specifications

Performance	Random Reads	93,000 IOP/s
	Random Writes	53,000 IOP/s
	Sequential Reads	950 MiB/s
	Sequential Writes	950 MiB/s
Physical Configuration	Logical Blocks	512 bytes
Power	9W	
Operating Temperature	0-60°C	

HPE 1.6TB 12G SAS Mixed Use-1 SFF 2.5-in SC 3yr Wty Solid State Drive	846436-B21	Capacity	1.6TB	
		Height	15mm	
		Length x Width	Standard SFF	
		Interface	SAS	
		Transfer Rate Synchronous (Maximum)	12Gbps	
		Performance	Random Reads	88,500 IOP/s
			Random Writes	65,500 IOP/s
			Sequential Reads	1,080 MiB/s
			Sequential Writes	565 MiB/s
		Physical Configuration	Logical Blocks	
Power	9W			
Operating Temperature	0-60°C			

HPE 800GB 12G SAS Mixed Use-1 SFF 2.5-in SC 3yr Wty Solid State Drive	846434-B21	Capacity	800GB	
		Height	15mm	
		Length x Width	Standard SFF	
		Interface	SAS	
		Transfer Rate Synchronous (Maximum)	12Gbps	
		Performance	Random Reads	91,500 IOP/s
			Random Writes	65,500 IOP/s
			Sequential Reads	1,080 MiB/s
			Sequential Writes	580 MiB/s
		Physical Configuration	Logical Blocks	512 bytes
Power	9W			
Operating Temperature	0-60°C			

Technical Specifications

HPE 400GB 12G SAS Mixed Use-3 SFF 2.5-in SC 3yr Wty Solid State Drive	822555-B21	Capacity	400GB	
		Height	15mm	
		Length x Width	Standard SFF	
		Interface	SAS	
		Transfer Rate Synchronous (Maximum)	12Gbps	
		Performance	Random Reads	108,000 IOP/s
			Random Writes	49,000 IOP/s
			Sequential Reads	950 MiB/s
			Sequential Writes	510 MiB/s
		Physical Configuration	Logical Blocks	512 bytes
Power	9W			
Operating Temperature	0-60°C			

Write Intensive SSDs

NOTE: Random Performance is based on a 4KiB transfer size at a queue of 16.

6G SATA Write Intensive (WI) Hot Plug SFF (2.5-inch) Solid State Drives

HPE 1.2TB 6G SATA Write Intensive-2 SFF 2.5-in SC 3yr Wty Solid State Drive	804677-B21	Capacity	1.2TB	
		Height	15mm	
		Length x Width	Standard SFF	
		Interface	SATA	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	N/A
			Random Reads	64,500 IOP/s
			Random Writes	49,000 IOP/s
			Sequential Reads	950 MiB/s
			Sequential Writes	510 MiB/s
Physical Configuration	Logical Blocks	512 bytes		
Power	9W			
Operating Temperature	0-60°C			

HPE 800GB 6G SATA Write Intensive-2 SFF 2.5-in SC 3yr Wty Solid State Drive	804671-B21	Capacity	800GB
		Height	15mm
		Length x Width	Standard SFF
		Interface	SATA

Technical Specifications

Transfer Rate Synchronous (Maximum)	6Gbps
Performance	Rotational Speed
	Random Reads 64,500 IOP/s
	Random Writes 46,500 IOP/s
	Sequential Reads 540 MiB/s
	Sequential Writes 370 MiB/s
Physical Configuration	Logical Blocks 512 bytes
Power	9W
Operating Temperature	0-60°C

HPE 800GB 6G SATA Mainstream Endurance SFF 2.5-in SC Enterprise Mainstream 3yr Wty Solid State Drive

691868-B21

Capacity	800GB
Height	15mm
Length x Width	Standard SFF
Interface	SATA
Transfer Rate Synchronous (Maximum)	6Gbps
Performance	Rotational Speed N/A
	Random Reads 61,000 IOP/s
	Random Writes 35,000 IOP/s
	Sequential Reads 480MiB/s
	Sequential Writes 450MiB/s
Physical Configuration	Logical Blocks 512 bytes
Power	9W
Operating Temperature	0-60°C

HPE 800GB 6G SATA Mainstream Endurance SFF 2.5-in Enterprise Mainstream 3yr Wty Solid State Drive

730065-B21

Capacity	800GB
Height	15mm
Length x Width	Standard SFF
Interface	SATA
Transfer Rate Synchronous (Maximum)	6Gbps
Performance	Rotational Speed N/A
	Random Reads 61,000 IOP/s
	Random Writes 35,000 IOP/s
	Sequential Reads 480MiB/s
	Sequential Writes 450MiB/s

Technical Specifications

Physical Configuration	Logical Blocks	512 bytes
Power	9W	
Operating Temperature	0-60°C	

HPE 400GB 6G SATA Write Intensive-2 SFF 2.5-in SC 3yr Wty Solid State Drive	804665-B21	Capacity	400GB	
		Height	15mm	
		Length x Width	Standard SFF	
		Interface	SATA	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	
			Random Reads	64,500 IOP/s
			Random Writes	48,000 IOP/s
			Sequential Reads	540 MiB/s
			Sequential Writes	380 MiB/s
		Physical Configuration	Logical Blocks	512 bytes
		Power	9W	
		Operating Temperature	0-60°C	

HPE 400GB 6G SATA Mainstream Endurance SFF 2.5-in Enterprise Mainstream 3yr Wty Solid State Drive	730063-B21	Capacity	400GB	
		Height	15mm	
		Length x Width	Standard SFF	
		Interface	SATA	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	N/A
			Random Reads	63,000 IOP/s
			Random Writes	35,000 IOP/s
			Sequential Reads	480MiB/s
			Sequential Writes	450MiB/s
		Physical Configuration	Logical Blocks	512 bytes
		Power	9W	
		Operating Temperature	0-60°C	

HPE 400GB 6G	691866-B21	Capacity	400GB
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Technical Specifications

**SATA Mainstream
Endurance SFF
2.5-in SC
Enterprise
Mainstream 3yr
Wty Solid State
Drive**

Height	15mm	
Length x Width	Standard SFF	
Interface	SATA	
Transfer Rate Synchronous (Maximum)	6Gbps	
Performance	Rotational Speed	N/A
	Random Reads	63,000 IOP/s
	Random Writes	35,000 IOP/s
	Sequential Reads	480MiB/s
	Sequential Writes	450MiB/s
Physical Configuration	Logical Blocks	512 bytes
Power	9W	
Operating Temperature	0-60°C	

**HPE 200GB 6G
SATA Write
Intensive-2 SFF
2.5-in SC 3yr Wty
Solid State Drive**

804639-B21

Capacity	200GB	
Height	15mm	
Length x Width	Standard SFF	
Interface	SATA	
Transfer Rate Synchronous (Maximum)	6Gbps	
Performance	Rotational Speed	N/A
	Random Reads	64,500 IOP/s
	Random Writes	42,000 IOP/s
	Sequential Reads	540 MiB/s
	Sequential Writes	300 MiB/s
Physical Configuration	Logical Blocks	512 bytes
Power	9W	
Operating Temperature	0-60°C	

**HPE 200GB 6G
SATA Mainstream
Endurance SFF
2.5-in Enterprise
Mainstream 3yr
Wty Solid State
Drive**

730061-B21

Capacity	200GB	
Height	15mm	
Length x Width	Standard SFF	
Interface	SATA	
Transfer Rate Synchronous (Maximum)	6Gbps	
Performance	Rotational Speed	N/A

Technical Specifications

	Random Reads	63,000 IOP/s
	Random Writes	32,000 IOP/s
	Sequential Reads	480MiB/s
	Sequential Writes	350MiB/s
Physical Configuration	Logical Blocks	512 bytes
Power	9W	
Operating Temperature	0-60°C	

HPE 200GB 6G SATA Mainstream Endurance SFF 2.5-in SC Enterprise Mainstream 3yr Wty Solid State Drive	691864-B21	Capacity	200GB		
		Height	15mm		
		Length x Width	Standard SFF		
		Interface	SATA		
		Transfer Rate Synchronous (Maximum)	6Gbps		
		Performance	Rotational Speed	N/A	
			Random Reads	63,000 IOP/s	
			Random Writes	32,000 IOP/s	
			Sequential Reads	480MiB/s	
			Sequential Writes	350MiB/s	
		Physical Configuration	Logical Blocks	512 bytes	
Power	9W				
Operating Temperature	0-60°C				

HPE 100GB 6G SATA Mainstream Endurance SFF 2.5-in Enterprise Mainstream 3yr Wty Solid State Drive	730059-B21	Capacity	100GB		
		Height	15mm		
		Length x Width	Standard SFF		
		Interface	SATA		
		Transfer Rate Synchronous (Maximum)	6Gbps		
		Performance	Rotational Speed	N/A	
			Random Reads	63,000 IOP/s	
			Random Writes	19,200 IOP/s	
			Sequential Reads	480MiB/s	
			Sequential Writes	185MiB/s	
		Physical Configuration	Logical Blocks	512 bytes	
Power	9W				

Technical Specifications

Operating Temperature 0-60°C

HPE 100GB 6G SATA Mainstream Endurance SFF 2.5-in SC Enterprise Mainstream 3yr Wty Solid State Drive	691862-B21	Capacity	100GB	
		Height	15mm	
		Length x Width	Standard SFF	
		Interface	SATA	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	N/A
			Random Reads	63,000 IOP/s
			Random Writes	19,200 IOP/s
			Sequential Reads	480MiB/s
			Sequential Writes	185MiB/s
		Physical Configuration	Logical Blocks	512 bytes
Power	9W			
Operating Temperature 0-60°C				

6G SATA Write Intensive (WI) Hot Plug LFF (3.5-inch) Solid State Drives

HPE 1.2TB 6G SATA Write Intensive-2 LFF 3.5-in SCC 3yr Wty Solid State Drive	804680-B21	Capacity	1.2TB	
		Height	15mm	
		Length x Width	Standard SFF	
		Interface	SATA	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	N/A
			Random Reads	64,500 IOP/s
			Random Writes	45,000 IOP/s
			Sequential Reads	540 MiB/s
			Sequential Writes	370 MiB/s
		Physical Configuration	Logical Blocks	512 bytes
Power	9W			
Operating Temperature 0-60°C				

HPE 800GB 6G SATA Write	804674-B21	Capacity	800GB
		Height	15mm

Technical Specifications

**Intensive-2 LFF
3.5-in SCC 3yr Wty
Solid State Drive**

Length x Width	Standard LFF	
Interface	SATA	
Transfer Rate Synchronous (Maximum)	6Gbps	
Performance	Rotational Speed	
	Random Reads	64,500 IOP/s
	Random Writes	46,500 IOP/s
	Sequential Reads	540 MiB/s
	Sequential Writes	370 MiB/s
Physical Configuration	Logical Blocks	512 bytes
Power	9W	
Operating Temperature	0-60°C	

**HPE 800GB 6G
SATA Write
Intensive-2 LFF
3.5-in LPC 3yr Wty
Solid State Drive**

831725-B21

Capacity	800GB	
Height	15mm	
Length x Width	Low-profile Converter	
Interface	SATA	
Transfer Rate Synchronous (Maximum)	6Gbps	
Performance	Rotational Speed	
	Random Reads	64,500 IOP/s
	Random Writes	46,500 IOP/s
	Sequential Reads	540 MiB/s
	Sequential Writes	370 MiB/s
Physical Configuration	Logical Blocks	512 bytes
Power	9W	
Operating Temperature	0-60°C	

**HPE 800GB 6G
SATA Mainstream
Endurance LFF
3.5-in SC
Enterprise
Mainstream 3yr
Wty Solid State
Drive**

691860-B21

Capacity	800GB	
Height	15mm	
Length x Width	Standard LFF	
Interface	SATA	
Transfer Rate Synchronous (Maximum)	6Gbps	
Performance	Rotational Speed	N/A
	Random Reads	61,000 IOP/s

Technical Specifications

	Random Writes	35,000 IOP/s
	Sequential Reads	480MiB/s
	Sequential Writes	450MiB/s
Physical Configuration	Logical Blocks	512 bytes
Power	9W	
Operating Temperature	0-60°C	

HPE 400GB 6G SATA Write Intensive-2 LFF 3.5-in SCC 3yr Wty Solid State Drive	804668-B21	Capacity	400GB	
		Height	15mm	
		Length x Width	Standard LFF	
		Interface	SATA	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	
			Random Reads	64,500 IOP/s
			Random Writes	48,000 IOP/s
			Sequential Reads	540 MiB/s
			Sequential Writes	380 MiB/s
		Physical Configuration	Logical Blocks	512 bytes
Power	9W			
Operating Temperature	0-60°C			

HPE 400GB 6G SATA Mainstream Endurance LFF 3.5-in SC Enterprise Mainstream 3yr Wty Solid State Drive	691856-B21	Capacity	400GB	
		Height	15mm	
		Length x Width	Standard LFF	
		Interface	SATA	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	N/A
			Random Reads	63,000 IOP/s
			Random Writes	35,000 IOP/s
			Sequential Reads	480MiB/s
			Sequential Writes	450MiB/s
		Physical Configuration	Logical Blocks	512 bytes
Power	9W			
Operating Temperature	0-60°C			

Technical Specifications

HPE 200GB 6G SATA Write Intensive-2 LFF 3.5-in SCC 3yr Wty Solid State Drive	804642-B21	Capacity	200GB	
		Height	15mm	
		Length x Width	Standard LFF	
		Interface	SATA	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	N/A
			Random Reads	63,000 IOP/s
			Random Writes	32,000 IOP/s
			Sequential Reads	480MiB/s
			Sequential Writes	350MiB/s
Physical Configuration	Logical Blocks	512 bytes		
Power	9W			
Operating Temperature	0-60°C			

HPE 200GB 6G SATA Mainstream Endurance LFF 3.5-in SC Enterprise Mainstream 3yr Wty Solid State Drive	691854-B21	Capacity	200GB	
		Height	15mm	
		Length x Width	Standard LFF	
		Interface	SATA	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	N/A
			Random Reads	63,000 IOP/s
			Random Writes	32,000 IOP/s
			Sequential Reads	480MiB/s
			Sequential Writes	350MiB/s
Physical Configuration	Logical Blocks	512 bytes		
Power	9W			
Operating Temperature	0-60°C			

HPE 100GB 6G SATA Mainstream Endurance LFF 3.5-in SC Enterprise	691852-B21	Capacity	100GB
		Height	15mm
		Length x Width	Standard LFF
		Interface	SATA

Technical Specifications

**Mainstream 3yr
Wty Solid State
Drive**

Transfer Rate Synchronous (Maximum)	6Gbps		
Performance	Rotational Speed	N/A	
	Random Reads	63,000 IOP/s	
	Random Writes	19,200 IOP/s	
	Sequential Reads	480MiB/s	
	Sequential Writes	185MiB/s	
Physical Configuration	Logical Blocks	512 bytes	
Power	9W		
Operating Temperature	0-60°C		

6G SATA Write Intensive Quick Release SFF (2.5-inch) Solid State Drives

**HPE 800GB 6G
SATA Mainstream
Endurance SFF
2.5-in QR
Enterprise
Mainstream 3yr
Wty Solid State
Drive**

730057-B21	Capacity	800GB	
	Height	15mm	
	Length x Width	Standard SFF	
	Interface	SATA	
	Transfer Rate Synchronous (Maximum)	6Gbps	
	Performance	Rotational Speed	N/A
		Random Reads	61,000 IOP/s
		Random Writes)	35,000 IOP/s
		Sequential Reads	480MiB/s
		Sequential Writes	450MiB/s
	Physical Configuration	Logical Blocks	512 bytes
	Power	9W	
	Operating Temperature	0-60°C	

**HPE 400GB 6G
SATA Mainstream
Endurance SFF
2.5-in QR
Enterprise
Mainstream 3yr
Wty Solid State
Drive**

730055-B21	Capacity	400GB	
	Height	15mm	
	Length x Width	Standard SFF	
	Interface	SATA	
	Transfer Rate Synchronous (Maximum)	6Gbps	
	Performance	Rotational Speed	N/A
		Random Reads	63,000 IOP/s
		Random Writes)	35,000 IOP/s
		Sequential Reads	480MiB/s

Technical Specifications

	Sequential Writes	450MiB/s
Physical Configuration	Logical Blocks	512 bytes
Power	9W	
Operating Temperature	0-60°C	

HPE 200GB 6G SATA Mainstream Endurance SFF 2.5-in QR Enterprise Mainstream 3yr Wty Solid State Drive	730053-B21	Capacity	200GB	
		Height	15mm	
		Length x Width	Standard SFF	
		Interface	SATA	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	N/A
			Random Reads	63,000 IOP/s
			Random Writes	32,000 IOP/s
			Sequential Reads	480MiB/s
			Sequential Writes	350MiB/s
		Physical Configuration	Logical Blocks	512 bytes
Power	9W			
Operating Temperature	0-60°C			

HPE 100GB 6G SATA Mainstream Endurance SFF 2.5-in QR Enterprise Mainstream 3yr Wty Solid State Drive	730051-B21	Capacity	100GB	
		Height	15mm	
		Length x Width	Standard SFF	
		Interface	SATA	
		Transfer Rate Synchronous (Maximum)	6Gbps	
		Performance	Rotational Speed	N/A
			Random Reads	63,000 IOP/s
			Random Writes	19,200 IOP/s
			Sequential Reads	480MiB/s
			Sequential Writes	185MiB/s
		Physical Configuration	Logical Blocks	512 bytes
Power	9W			
Operating Temperature	0-60°C			

12G SAS Write Intensive (WI) Hot Plug SFF (2.5-inch) Solid State Drives

Technical Specifications

HPE 1.6TB 12G SAS Write Intensive-1 SFF 2.5-in SC 3yr Wty Solid State Drive	846432-B21	Capacity	1.6TB		
		Height	15mm		
		Length x Width	Standard SFF		
		Interface	SAS		
		Transfer Rate Synchronous (Maximum)	12Gbs		
		Performance	Rotational Speed		
			Random Reads	104,000 IOP/s	
			Random Writes	66,000 IOP/s	
			Sequential Reads	1,080 MiB/s	
			Sequential Writes	520 MiB/s	
		Physical Configuration	Logical Blocks	512 bytes	
		Power	9W		
		Operating Temperature	0-60°C		

HPE 1.6TB 12G SAS Mainstream Endurance SFF 2.5-in ENT Mainstream SC 3yr Wty H2 Solid State Drive	779176-B21	Capacity	1.6TB		
		Height	15mm		
		Length x Width	Standard SFF		
		Interface	SAS		
		Transfer Rate Synchronous (Maximum)	12Gbs		
		Performance	Rotational Speed	N/A	
			Random Reads	66,000 IOP/s	
			Random Writes	62,000 IOP/s	
			Sequential Reads	1,000 MiB/s	
			Sequential Writes	565 MiB/s	
		Physical Configuration	Logical Blocks	512 bytes	
		Power	9W		
		Operating Temperature	0-60°C		

HPE 1.6TB 12G SAS Mainstream Endurance SFF 2.5-in ENT Mainstream 3yr Wty H2 Solid State Drive	779174-B21	Capacity	1.6TB		
		Height	15mm		
		Length x Width	Standard SFF		
		Interface	SAS		
		Transfer Rate Synchronous (Maximum)	12Gbs		
		Performance	Rotational Speed	N/A	

Technical Specifications

	Random Reads	66,000 IOP/s
	Random Writes	62,000 IOP/s
	Sequential Reads	1,000 MiB/s
	Sequential Writes	565 MiB/s
Physical Configuration	Logical Blocks	512 bytes
Power	9W	
Operating Temperature	0-60°C	

HPE 800GB 12G SAS Write Intensive-1 SFF 2.5-in SC 3yr Wty Solid State Drive	846430-B21	Capacity	800GB		
		Height	15mm		
		Length x Width	Standard SFF		
		Interface	SAS		
		Transfer Rate Synchronous (Maximum)	12Gbs		
		Performance	Rotational Speed	N/A	
			Random Reads	66,000 IOP/s	
			Random Writes	64,000 IOP/s	
			Sequential Reads	1,000 MiB/s	
			Sequential Writes	565 MiB/s	
		Physical Configuration	Logical Blocks	512 bytes	
		Power	9W		
		Operating Temperature	0-60°C		

HPE 800GB 12G SAS Mainstream Endurance SFF 2.5-in ENT Mainstream SC 3yr Wty H2 Solid State Drive	779172-B21	Capacity	800GB		
		Height	15mm		
		Length x Width	Standard SFF		
		Interface	SAS		
		Transfer Rate Synchronous (Maximum)	12Gbs		
		Performance	Rotational Speed	N/A	
			Random Reads	66,000 IOP/s	
			Random Writes	64,000 IOP/s	
			Sequential Reads	1,000 MiB/s	
			Sequential Writes	565 MiB/s	
		Physical Configuration	Logical Blocks	512 bytes	
		Power	9W		

Technical Specifications

Operating Temperature 0-60°C

HPE 800GB 12G SAS Mainstream Endurance SFF 2.5-in ENT Mainstream 3yr Wty H2 Solid State Drive	779170-B21	Capacity	800GB	
		Height	15mm	
		Length x Width	Standard SFF	
		Interface	SAS	
		Transfer Rate Synchronous (Maximum)	12Gbs	
		Performance	Rotational Speed	N/A
			Random Reads	66,000 IOP/s
			Random Writes	64,000 IOP/s
			Sequential Reads	1,000 MiB/s
			Sequential Writes	565 MiB/s
		Physical Configuration	Logical Blocks	512 bytes
Power	9W			
Operating Temperature 0-60°C				

HPE 800GB 12G SAS Write Intensive SFF 2.5-in SC 3yr Wty Solid State Drive	802586-B21	Capacity	800GB	
		Height	15mm	
		Length x Width	Standard SFF	
		Interface	SAS	
		Transfer Rate Synchronous (Maximum)	12Gbps	
		Performance	Rotational Speed	N/A
			Random Reads	103,000 IOP/s
			Random Writes	89,000 IOP/s
			Sequential Reads	1,000 MiB/s
			Sequential Writes	580 MiB/s
		Physical Configuration	Logical Blocks	512 bytes
Power	9W			
Operating Temperature 0-60°C				

HPE 800GB 12G SAS Write Intensive SFF 2.5-in 3yr Wty Solid State Drive	802584-B21	Capacity	800GB
		Height	15mm
		Length x Width	Standard SFF
		Interface	SAS

Technical Specifications

Transfer Rate Synchronous (Maximum)	12Gbps	
Performance	Rotational Speed	N/A
	Random Reads	103,000 IOP/s
	Random Writes	89,000 IOP/s
	Sequential Reads	1,000 MiB/s
	Sequential Writes	580 MiB/s
Physical Configuration	Logical Blocks	512 bytes
Power	9W	
Operating Temperature	0-60°C	

HPE 400GB 12G SAS Mainstream Endurance SFF 2.5-in ENT Mainstream 3yr Wty H2 Solid State Drive

779166-B21

Capacity	200GB	
Height	15mm	
Length x Width	Standard SFF	
Interface	SAS	
Transfer Rate Synchronous (Maximum)	12Gbps	
Performance	Rotational Speed	N/A
	Random Reads	70,000 IOP/s
	Random Writes	62,000 IOP/s
	Sequential Reads	1,000 MiB/s
	Sequential Writes	700 MiB/s
Physical Configuration	Logical Blocks	512 bytes
Power	9W	
Operating Temperature	0-60°C	

HPE 400GB 12G SAS Write Intensive SFF 2.5-in SC 3yr Wty Solid State Drive

802582-B21

Capacity	400GB	
Height	15mm	
Length x Width	Standard SFF	
Interface	SAS	
Transfer Rate Synchronous (Maximum)	12Gbps	
Performance	Rotational Speed	N/A
	Random Reads	106,000 IOP/s
	Random Writes	89,000 IOP/s
	Sequential Reads	1,000 MiB/s
	Sequential Writes	660 MiB/s

Technical Specifications

Physical Configuration	Logical Blocks	512 bytes
Power	9W	
Operating Temperature	0-60°C	

HPE 400GB 12G SAS Write Intensive SFF 2.5-in 3yr Wty Solid State Drive

802580-B21

Capacity	400GB	
Height	15mm	
Length x Width	Standard SFF	
Interface	SAS	
Transfer Rate Synchronous (Maximum)	12Gbps	
Performance	Rotational Speed	N/A
	Random Reads	106,000 IOP/s
	Random Writes	89,000 IOP/s
	Sequential Reads	1,000 MiB/s
	Sequential Writes	660 MiB/s
Physical Configuration	Logical Blocks	512 bytes
Power	9W	
Operating Temperature	0-60°C	

HPE 200GB 12G SAS Mainstream Endurance SFF 2.5-in ENT Mainstream SC 3yr Wty H2 Solid State Drive

779164-B21

Capacity	200GB	
Height	15mm	
Length x Width	Standard SFF	
Interface	SAS	
Transfer Rate Synchronous (Maximum)	12Gbs	
Performance	Rotational Speed	N/A
	Random Reads	70,000 IOP/s
	Random Writes	51,000 IOP/s
	Sequential Reads	1,000 MiB/s
	Sequential Writes	510 MiB/s
Physical Configuration	Logical Blocks	512 bytes
Power	9W	
Operating Temperature	0-60°C	

HPE 200GB 12G SAS Mainstream

779162-B21

Capacity	200GB
Height	15mm

Technical Specifications

**Endurance SFF
2.5-in ENT
Mainstream 3yr
Wty H2 Solid State
Drive**

Length x Width	Standard SFF	
Interface	SAS	
Transfer Rate Synchronous (Maximum) Performance	12Gbs	
	Rotational Speed	N/A
	Random Reads	70,000 IOP/s
	Random Writes	51,000 IOP/s
	Sequential Reads	1,000 MiB/s
	Sequential Writes	510 MiB/s
Physical Configuration	Logical Blocks	512 bytes
Power	9W	
Operating Temperature	0-60°C	

**HPE 200GB 12G
SAS Write
Intensive SFF 2.5-
in SC 3yr Wty Solid
State Drive**

802578-B21	Capacity	200GB	
	Height	15mm	
	Length x Width	Standard SFF	
	Interface	SAS	
	Transfer Rate Synchronous (Maximum) Performance	12Gbps	
		Rotational Speed	N/A
		Random Reads	106,000 IOP/s
		Random Writes	83,000 IOP/s
		Sequential Reads	1,000 MiB/s
		Sequential Writes	660 MiB/s
	Physical Configuration	Logical Blocks	512 bytes
	Power	9W	
	Operating Temperature	0-60°C	

**HPE 200GB 12G
SAS Write
Intensive SFF 2.5-
in 3yr Wty Solid
State Drive**

802576-B21	Capacity	200GB	
	Height	15mm	
	Length x Width	Standard SFF	
	Interface	SAS	
	Transfer Rate Synchronous (Maximum) Performance	12Gbps	
		Rotational Speed	N/A
		Random Reads	106,000 IOP/s

Technical Specifications

	Random Writes	83,000 IOP/s
	Sequential Reads	1,000 MiB/s
	Sequential Writes	660 MiB/s
Physical Configuration	Logical Blocks	512 bytes
Power	9W	
Operating Temperature	0-60°C	

NVMe PCIe Write Intensive (WI) Hot Insertion/Assisted Removal SFF (2.5-inch) Solid State Drives

NOTE: Please see select Gen9 compatibility on SKU listings page 10.

HPE 2TB NVMe PCIe Write Intensive SFF 2.5-inch SC2 3yr Wty Solid State Drive	764894-B21	Capacity	2.0TB
		Height	15mm
		Length x Width	Standard SFF
		Interface	PCIe
		Transfer Rate Synchronous (Maximum)	
		Performance	Rotational Speed
			Random Reads 145,000 IOP/s
			Random Writes 170,000 IOP/s
			Sequential Reads 2,600 MiB/s
			Sequential Writes 1,400 MiB/s
		Physical Configuration	Logical Blocks 512 bytes
		Power	25W
		Operating Temperature	0-60°C

HPE 1.6TB NVMe PCIe Write Intensive SFF 2.5-inch SC2 3yr Wty Solid State Drive	764892-B21	Capacity	1.6TB
		Height	15mm
		Length x Width	Standard SFF
		Interface	PCIe
		Transfer Rate Synchronous (Maximum)	
		Performance	Rotational Speed
			Random Reads 140,000 IOP/s
			Random Writes 67,000 IOP/s
			Sequential Reads 2,400 MiB/s
			Sequential Writes 1,400 MiB/s
		Physical Configuration	Logical Blocks 512 bytes

Technical Specifications

Power 25W
Operating Temperature 0-60°C

HPE 800GB NVMe PCIe Write Intensive SFF 2.5-in SC2 3yr Wty Solid State Drive	736939-B21	Capacity	800GB	
		Height	15mm	
		Length x Width	Standard SFF	
		Interface	PCIe	
		Transfer Rate Synchronous (Maximum)		
		Performance	Rotational Speed	
			Random Reads	155,000 IOP/s
			Random Writes	99,000 IOP/s
			Sequential Reads	2,600 MiB/s
			Sequential Writes	1,700 MiB/s
		Physical Configuration	Logical Blocks	512 bytes
Power	25W			
Operating Temperature	0-60°C			

HPE 400GB NVMe PCIe Write Intensive SFF 2.5-in SC2 3yr Wty Solid State Drive	736936-B21	Capacity	400GB	
		Height	15mm	
		Length x Width	Standard SFF	
		Interface	PCIe	
		Transfer Rate Synchronous (Maximum)		
		Performance	Rotational Speed	
			Random Reads	150,000 IOP/s
			Random Writes	80,000 IOP/s
			Sequential Reads	2,600 MiB/s
			Sequential Writes	1,000 MiB/s
		Physical Configuration	Logical Blocks	512 bytes
Power	25W			
Operating Temperature	0-60°C			

Environment-friendly Products and Approach	End-of-life Management and Recycling	Hewlett Packard Enterprise offers end-of-life product return, trade-in, and recycling programs, in many geographic areas, for our products. Products returned to Hewlett Packard Enterprise will be recycled, recovered or disposed of in a responsible manner.
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Technical Specifications

http://www8.hp.com/us/en/hpe/hp-information/livingprogress/environmentalprogress/product-recycling.html#.V-IPA_krKiM

The EU WEEE directive (2002/95/EC) requires manufacturers to provide treatment information for each product type for use by treatment facilities. This information (product disassembly instructions) is posted on the Hewlett Packard Enterprise web site. These instructions may be used by recyclers and other WEEE treatment facilities as well as Hewlett Packard Enterprise OEM customers who integrate and re-sell Hewlett Packard Enterprise equipment.

http://www8.hp.com/us/en/hpe/hp-information/livingprogress/environmentalprogress/product-recycling.html#.V-IPA_krKiM

Summary of Changes

Date	Version History	Action	Description of Change
28-Nov-2016	From Version 38 to 39	Added	SKUs added: 872853-B21, 872855-B21, 871768-B21, 871770-B21, 868814-B21, 868818-B21, 868822-B21, 868826-B21, 868830-B21, 869056-B21, and 869058-B21.
		Changed	Overview, Models, Standard Features, and Technical Specifications were revised.
		Removed	739906-B21, 739896-B21, 764937-B21, 764935-B21, 764933-B21, and 764931-B21.
28-Oct-2016	From Version 37 to 38	Removed	Obsolete SKUs were removed from the QuickSpecs.
31-Mar-2016	From Version 36 to 37	Added	SKUs added in Models section: 846436-B21, 846434-B21, 846432-B21, and 846430-B21.
		Changed	Overview, Standard Features, Service and Support, and Technical Specifications sections were updated.
		Removed	Obsolete SKUs were deleted: 728743-B21, 728739-B21, 739904-B21, 739894-B21, 728735-B21, 728726-B21, 734366-B21, 728745-B21, 728741-B21, 728737-B21, 728732-B21, and 734368-B21.
16-Feb-2016	From Version 35 to 36	Added	SKUs added in Models section: 835563-B21, 835565-B21, 788028-B21, 777894-B21, 846495-B21, 846497-B21, 789135-B21, 789141-B21, 789137-B21, 789163-B21, 789153-B21, 789149-B21, 756611-B21, 756604-B21, and 756607-B21.
		Changed	What's new, Standard Features, and Service and Support sections were updated.
		Removed	Obsolete SKUs were deleted: 788028-B21, 777894-B21,
01-Dec-2015	From Version 34 to 35	Changed	Models and Service and Support sections were updated.
		Removed	Obsolete SKUs were deleted: 822553-B21, 822557-B21, 822561-B21, 822565-B21, 816560-B21, 816564-B21, 816570-B21, and 816574-B21.
01-Dec-2015	From Version 33 to 34	Added	SKUs added in Models section: 816576-B21, 816574-B21, 816572-B21, 816568-B21, 816564-B21, 816561-B21, 816560-B21, 822567-B21, 822565-B21, 822563-B21, 822561-B21, 822559-B21, 822557-B21, 822555-B21, and 822553-B21.
		Changed	Overview, Models, Standard Features, Service and Support sections were updated.
23-Oct-2015	From Version 32 to 33	Changed	Standard Features and Service and Support sections were updated.
		Removed	Obsolete SKUs deleted: 789155-B21, 789161-B21, 757354-B21, 757357-B21, 789143-B21, 757345-B21, 739902-B21, 764921-B21, 756614-B21, and 764953-B21.
28-Sep-2015	From Version 31 to	Added	SKUs added:

Summary of Changes

	32		816929-B21, 816899-B21, 816933-B21, 816903-B21, 764908-B21, 816985-B21, 817015-B21, 816979-B21, 764894-B21, 816919-B21, 816889-B21, 816923-B21, 816893-B21, 817011-B21, 816975-B21, 816999-B21, 816969-B21, 816909-B21, 816879-B21, 816913-B21, 816883-B21, 816995-B21, 816965-B21, 816989-B21, 765044-B21.
		Changed	Overview, Models, Standard Features and Service and Support sections were updated.
17-Aug-2015	From Version 30 to 31	Added	SKUs inserted to Models and Service and Support Section.
		Changed	What's new, Models, Standard Features, Service and Support sections were updated.
		Removed	SKUs deleted from Models and Service and Support section.
01-Jun-2015	From Version 29 to 30	Added	SKUs added in models: 777262-B21 and 777264-B21.
		Changed	Information in Product categories and Technical Specifications sections were updated.
01-May-2015	From Version 28 to 29	Changed	Information in Product categories and Technical Specifications sections were updated.
30-Mar-2015	From Version 27 to 28	Changed	Changes made throughout the QuickSpecs.
13-Feb-2015	From Version 26 to 27	Removed	SKUs removed: 777894-B21 and 788028-B21
09-Feb-2015	From Version 25 to 26	Added	New SKUs were added on Models section.
		Changed	Technical Specifications, Standard Features sections were updated.
12-Dec-2014	From Version 24 to 25	Changed	Note on Value Endurance Solid State M.2 Enablement Kit for ProLiant Blades changed from: NOTE: These drives are supported by the BL460c Gen9 and BL660 Gen9. To: NOTE: These drives are supported by the BL460c Gen9.
01-Dec-2014	From Version 23 to 24	Added	SKUs added: 762263-B21, 762272-B21, 757339-B21, 757342-B21, 757354-B21, 757357-B21, 775588-B21, and 785233-B21.
		Changed	Overview, Models and Standard Features sections were updated.
23-Sep-2014	From Version 22 to 23	Added	SKUs added on Models section: 690829-B21, 756666-B21, 756636-B21, 756651-B21, 756621-B21, 756630-B21, 756639-B21, 756624-B21, 756660-B21, 756614-B21, 756669-B21, 756654-B21, 756633-B21, 756663-B21, 756642-B21, and 756627-B21.
		Changed	What's new, Models, Technical Specifications sections were updated.
		Removed	Obsolete SKUs removed: 690829-B21, 690821-B21, 690825-B21, 690819-B21, 653082-B21, and 636625-B21.

Summary of Changes

11-Jul-2014	From Version 21 to 22	Changed	Technical Specification Section was updated.
08-Jul-2014	From Version 20 to 21	Changed	Technical Specification Section was updated.
10-Jun-2014	From Version 19 to 20	Changed	Overview section was updated. On Standard Features Maximum Usage Limitations table was updated. Technical specifications was updated.
01-Apr-2014	From Version 18 to 19	Changed	Models was revised.
18-Feb-2014	From Version 17 to 18	Changed	Changed the What's New section to read: HPE 12Gb SAS SSDs - High Endurance and Mainstream Endurance.
09-Dec-2013	From Version 16 to 17	Removed	Discontinued models were removed.
30-Sep-2013	From Version 15 to 16	Changed	Changes made throughout the Technical Specifications section.
16-Aug-2013	From Version 14 to 15	Changed	The Notes in the Models section were revised.
24-Jul-2013	From Version 13 to 14	Changed	Models were revised.
14-Jun-2013	From Version 12 to 13	Changed	Changes were made throughout the QuickSpecs to include new models.
25-Mar-2013	From Version 11 to 12	Added	Standard Features: Added PB to Maximum Usage Limitations to the Lifetime Writes.
04-Jan-2013	From Version 9 to 10	Removed	Removed 6G SAS MLC Hot Plug SFF (2.5-inch) Enterprise Mainstream Solid State Drives.
19-Nov-2012	From Version 8 to 9	Changed	Correction made in the Models section.
24-Sep-2012	From Version 7 to 8	Changed	Changes made throughout QuickSpecs.
08-Jun-2012	From Version 6 to 7	Changed	Changes made to Models and Service and Support sections.
01-Jun-2012	From Version 5 to 6	Changed	Corrected Part Numbers in the Models and Technical Specifications sections.
14-May-2012	From Version 4 to 5	Changed	Changes made throughout the QuickSpecs.
16-Mar-2012	From Version 3 to 4	Changed	Maximum Usage Limitations chart was completely revised and Data Retention was added.
06-Mar-2012	From Version 2 to 3	Changed	Models was updated and the title was changed.
07-Jul-2011	From Version 1 to 2	Changed	Changes made in the Standard Features section only.

Summary of Changes

   
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For hard drives, 1GB = 1 billion bytes. Actual formatted capacity is less.

c04154378 - 14038 - Worldwide - V39 - 28-November-2016

