878714-B21 Datasheet

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Overview

HPE Proliant DL380 Gen10 utilizing the new AMD EPYC 7000 Series processors delivers a low cost virtual machine (VM) with unprecedented security.With up to 64 cores, up to 32 DIMMs, or 4 TB memory capacity and support for up to 24 NVMe drives, this platform has been designed with the security you need and the flexibility you require to accommodate the most demanding enterprise workloads.The AMD EPYC processor provides several security related features, including AMD secure processor, secure memory encryption (SME), and secure encrypted virtualization (SEV). These features are used to help enable key security functionality including Secure Root-of-Trust, Secure Run, and Secure Move. HPE ProLiant DL385 Gen10 7251 1P 16GB-R E208i-a 8SFF SATA 500W PS Entry Server has an adaptable chassis, this platform inculde 8 SFF modular drive bays, that can be configured with up to 30 SFF or up to 24 NVMe drive options along with support for up to 3 double wide GPU options. HPE Smart Array S100i Software RAID ships standard for embedded m.2 boot, and the redesigned HPE Smart Array Essential RAID Controller enable the advanced feature RAID in both SAS and HBA mode. Along with an embedded 4x1GbE, you have a choice of HPE FlexibleLOM or PCIe standup adapters which offer a choice of networking bandwidth (1GbE to 4x10GbE) and fabric so you can adapt and grow to changing business needs.

Quick Specs

Table 1 shows the Quick Specs.

Product Code	878714-B21
Description	HPE ProLiant DL385 Gen10 7251 1P 16GB-R E208i-a 8SFF SATA 500W PS Entry Server
Processor	7251 (8-Core, 2.1 GHz, 120W)
Number of Processors	One processor
Memory	16 GB RDIMM DR 2600 MT/s (1x 16 GB)
Network Controller	HPE 1Gb Ethernet 4-Port 331i Adapter plus optional HPE FlexibleLOM or stand up card
Storage Controller	Embedded S100i for 2 x M.2 Connectors E208i-a NOTE: 8-Port modular Smart Array.
Hard Drive	None ship as standard
Internal Storage	8 SFF Chassis (upgradeable to 24 SFF front + 6SFF rear)
Optical Drive Bay	Optional Universal Media Bay (882097-B21)
PCI-Express Slots	3-slots (x8, x16, x8) as standard
Power Supply	1x 500W HPE FlexSlot Power Supply
Fans	4-standard fans
Management	HPE iLO Standard with Intelligent Provisioning (embedded), HPE OneView Standard (requires download); HPE iLO Advanced, HPE iLO Advanced Premium Security Edition and HPE OneView Advanced (require licenses)
Energy Star	2.1 certified
Form Factor	2U Rack, Easy Install rails without CMA

Compare to Similar Items

Table 2 shows the comparison of 878712-B21, 878714-B21 and 878718-B21.

Product Code	878712-B21	878714-B21	878718-B21
Description	HPE ProLiant DL385 Gen10 7251 1P 16GB-R E208i-a 8LFF SATA 500W PS Entry Server	HPE ProLiant DL385 Gen10 7251 1P 16GB-R E208i-a 8SFF SATA 500W PS Entry Server	HPE ProLiant DL385 Gen10 7301 1P 32GB-R P408i-a 8SFF SAS 500W PS Base Server
Processor	7251 (8-Core, 2.1 GHz, 120W)	7251 (8-Core, 2.1 GHz, 120W)	7301 (16-Core, 2.2 GHz, 170W)

Number of Processors	One processor	One processor	One processor
Memory	16 GB RDIMM DR 2600 MT/s (1x 16 GB)	16 GB RDIMM DR 2600 MT/s (1x 16 GB)	32 GB RDIMM DR 2600 MT/s (2x 16 GB)
Storage Controller	Embedded S100i for 2 x M.2 Connectors E208i-a NOTE: 8-Port modular Smart Array.	Embedded S100i for 2 x M.2 Connectors E208i-a NOTE: 8-Port modular Smart Array.	P408i-a NOTE: 8-Port modular Smart Array. NOTE: Smart Storage battery included.
Hard Drive	None ship as standard	None ship as standard	None ship as standard
Internal Storage	8 LFF chassis, with 2 SFF bays optional (upgradeable to 15LFF with 4LFF mid and 3LFF rear + 2SFF rear)	8 SFF Chassis (upgradeable to 24 SFF front + 6SFF rear)	8 SFF Chassis (upgradeable to 24 SFF front + 6SFF rear)
PCI-Express Slots	3-slots (x8, x16, x8) as standard	3-slots (x8, x16, x8) as standard	3-slots (x8, x16, x8) as standard

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