

875762-S01 Datasheet

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Overview

The 875762-s01 is a versatile and modular 2U rack server capable of handling a variety of tasks in various environments. It has Intel Xeon Skylake processors which offer better Performance by up to 71% when compared to the previous models. DDR4 memory speed is also expanded to the supported 2666 MT/s in 6 channel configuration to enable 50% more bandwidth and 2 times I/O rate.

Quick Spec

Table 1 shows the quick spec.

Product Code	875762-S01
Description	HPE ProLiant DL380 Gen10 5120 14-core 1P 32GB-R P408i-a 8SFF 2x500W PS Server/S-Buy
Processors	1 * HPE DL380 Gen10 Intel Xeon-Gold 5120 (2.2GHz/14-core/105W) FIO Processor Kit(826856-L21)
Memories	2 * HPE 16GB (1x16GB) Single Rank x4 DDR4-2666 CAS-19-19-19 Registered Smart Memory Kit (815098-B21)
Storage Controller	HPE Smart Array P408i-a SR Gen10 (8 Internal Lanes/2GB Cache) 12G SAS Modular Controller(804331-B21)
Power supply	1 * 500W HPE Flexible Slot Power Supplies (865408-B21)
Hard Disks	Hard Drive options: 872475-B21:HPE 300GB SAS 10K SFF SC DS HDD 872477-B21:HPE 600GB SAS 10K SFF SC DS HDD 872479-B21:HPE 1.2TB SAS 10K SFF SC DS HDD 877776-B21:HPE 480GB SATA MU SFF SC DS SSD 872481-B21:HPE 1.8TB SAS 10K SFF SC 512e DS HDD
Ethernet Flexible LOM	Network Options: 665240-B21:HPE Ethernet 1Gb 4-port 366FLR Adapter 700751-B21:HPE Flex Fabric 10Gb 2P 534FLR-SFP+ Adapter 700759-B21:HPE Flex Fabric 10Gb 2P 533FLR-T Adapter
Product dimensions (H x W x D)	17.54 x 28.75 x 3.44 in
Weight	32.6 lb

Server Configuration

Table 2 shows the configuration of 875762-S01. Those models which are tagged “Optional” are not included in this configuration. They are needed to purchase separately.

Model	Description	Quantity
868703-B21	HPE ProLiant DL380 Gen10 8SFF Configure-to-order Server	1
826856-L21	HPE DL380 Gen10 Intel Xeon-Gold 5120 (2.2GHz/14-core/105W) FIO Processor Kit	1
815098-B21	HPE 16GB (1x16GB) Single Rank x4 DDR4-2666 CAS-19-19-19 Registered Smart Memory Kit	2
P01366-B21	HPE 96W Smart Storage Battery (up to 20 Devices) with 145mm Cable Kit	1

804331-B21	HPE Smart Array P408i-a SR Gen10 (8 Internal Lanes/2GB Cache) 12G SAS Modular Controller	1
865408-B21	HPE 500W Flex Slot Platinum Hot Plug Low Halogen Power Supply Kit	2
733660-B21	HP 2U Small Form Factor Easy Install Rail Kit	1
BD505A (Optional)	HPE iLO Advanced 1-server License with 3yr Support on iLO Licensed Features	Optional
629135-B22 (Optional)	HPE Ethernet 1Gb 4-port 331FLR Adapter	1

Hot Sale Elements

Table 3 shows the Hot sale elements for the HPE875762-S01.

Product Model	Description
815100-B21	HPE 32GB (1x32GB) Dual Rank x4 DDR4-2666 CAS-19-19-19 Registered Smart Memory Kit
815102-B21	HPE 128GB (1x128GB) Octal Rank x4 DDR4-2666 CAS-22-19-19 3DS Load Reduced Memory Kit
P9D94A	HPE Store Fabric SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter
455883-B21	HPE Blade System c-Class 10Gb SFP+ SR Transceiver
726537-B21	HPE 9.5mm SATA DVD-RW Jack Black G9 Optical Drive
Hard Drive Options	
872475-B21	HPE 300GB SAS 12G Enterprise 10K SFF (2.5in) SC 3yr Wty Digitally Signed Firmware HDD
872477-B21	HPE 600GB SAS 12G Enterprise 10K SFF (2.5in) SC 3yr Wty Digitally Signed Firmware HDD
872479-B21	HPE 1.2TB SAS 12G Enterprise 10K SFF (2.5in) SC 3yr Wty Digitally Signed Firmware HDD
877776-B21	HPE 480GB SATA 6G Mixed Use SFF (2.5in) SC 3yr Wty Digitally Signed Firmware SSD
872481-B21	HPE 1.8TB SAS 12G Enterprise 10K SFF (2.5in) SC 3yr Wty 512e Digitally Signed Firmware HDD
Network Options	
665240-B21	HPE Ethernet 1Gb 4-port 366FLR Adapter
700751-B21	HPE Flex Fabric 10Gb 2P 534FLR-SFP+ Adapter
700759-B21	HPE Flex Fabric 10Gb 2P 533FLR-T Adapter

Compare to Similar Items

Table 4 shows the comparison.

Product Code	875762-S01	848774-B21
Description	HPE ProLiant DL380 Gen10 5120 14-core 1P 32GB-R P408i-a 8SFF 2x500W PS Server/S-Buy	HPE ProLiant DL380 Gen9 E5-2630v4 16GB-R P440ar 8SFF 500W PS Base Server
Number of processors	1	1
Processor core	14	10
Processor speed	2.2 GHz	2.2GHz