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Overview

The HPE ProLiant DL380 Gen10 826566-B21 Server delivers the latest in security, performance and expandability. While backed by a comprehensive warranty, makes it ideal for any server environment. Standardize on the industry's most trusted compute platform. The HPE ProLiant DL380 Gen10 Server is securely designed to reduce costs and complexity, the Intel® Xeon® Processor Scalable Family with up to a 71% performance gain and 27% increase in cores2, plus the HPE 2666 MT/s DDR4 SmartMemory supporting 3.0 TB6 and up to 11%3 faster than 2400 MT/s. It supports 12 Gb/s SAS, and up to 20 NVMe drive plus a broad range of compute options. HPE Persistent Memory, optimized on HPE ProLiant Servers, offers unprecedented levels of performance for databases and analytic workloads. Run everything from the most basic to mission critical applications, and deploy with confidence.

Quick Spec

Figure 1 shows the appearance of HPE 826566-B21.



Table 1 shows the quick spec.

Product Code	826566-B21
Description	HPE ProLiant DL380 Gen10 5118 2P 64GB-R P408i-a 8SFF 2x800W PS Performance Server
Number of processors	2
Processor core available	12
Processor cache	16.5 MB L3
Processor speed	2.3 GHz
Product dimensions (H x W x D)	17.54 x 28.75 x 3.44 in
Weight	32.6 lb

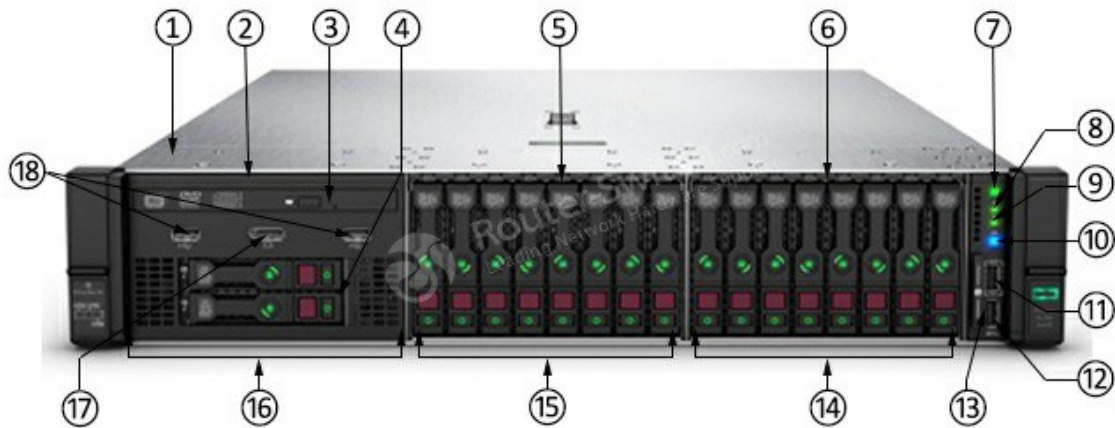
Product Details

Table 2 shows the bundle models of 826566-B21.

Model	Description	Quantity
868703-B21	HPE ProLiant DL380 Gen10 8SFF Configure-to-order Server	1
826854-L21	HPE DL380 Gen10 Intel Xeon-Gold 5118 (2.3GHz/12-core/105W) FIO Processor Kit	1

826854-B21	HPE DL380 Gen10 Intel Xeon-Gold 5118 (2.3GHz/12-core/105W) FIO Processor Kit	1
815100-B21	HPE 32GB (1x32GB) Dual Rank x4 DDR4-2666 CAS-19-19-19 Registered Smart Memory Kit	2
826708-B21	HPE DL38X Gen10 Universal Media Bay Kit	1
726537-B21	HPE 9.5mm SATA DVD-RW JackBlack G9 Optical Drive	1
817753-B21	HPE Ethernet 10/25Gb 2-port 640SFP28 Adapter	1
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
629135-B22	HPE Ethernet 1Gb 4-port 331FLR Adapter	1
865414-B21	HPE 800W 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

Figure 2 shows the front panel of HPE 826566-B21.

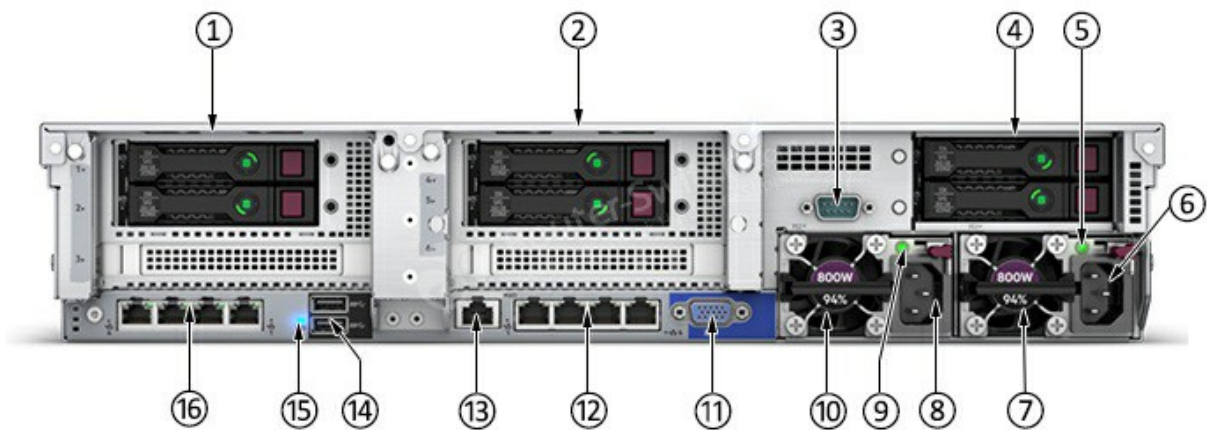


Note:

(1)	Quick removal access panel
(2)	Optional Universal Media bay. 2 USB 2.0 and Display port standard (8 SFF bay or 6 SFF+2NVMe or 8NVMe optional)
(3)	Optional Optical drive. Requires Universal Media bay
(4)	Optional 2 SFF HDD, requires optional Universal Media bay
(5)	Drive Bay 2. NVMe shown (8 SFF, 6SFF+2NVMe or 8 NVMe PCIe SSD optional)
(6)	8 SFF Drive Cage Bay

(7)	Power On/Standby button and system power LED button
(8)	Health LED
(9)	NIC status
(10)	UID button
(11)	iLO Front Service Port
(12)	USB 3.0
(13)	Serial label pull tag
(14)	Box 3
(15)	Box 2
(16)	Box 1
(17)	Optional front display port (Via Universal Media Bay)
(18)	Optional USB 2.0 (via Universal Media Bay)

Figure 3 shows the back panel of HPE826566-B21.



Note:

(1)	Primary Riser. PCI Slots (Slots 1-3 top to bottom, riser shipped standard, not shown), optional 2SFF rear drives
(2)	Secondary Riser. PCI Slots (Slots 4-6 top to bottom, not shown, requires second riser card, and second processor). Showing optional 2 SFF rear
(3)	Optional serial port
(4)	Tertiary Riser (Slots 7-8). Optional rear 2 SFF HDD (supported in 24 SFF or 12 LFF front end)
(5)	Power supply Power LED
(6)	Power supply Power connection
(7)	HPE Flexible Slot Power Supply bay 1 (800W shown)
(8)	Power supply Power connection
(9)	Power supply Power LED
(10)	HPE Flexible Slot Power Supply bay 2 (800W shown)
(11)	VGA connector

(12)	Embedded 4 x 1GbE Network Adapter
(13)	Dedicated iLO management port
(14)	USB connectors 3.0 (2)
(15)	Unit ID LED
(16)	Optional FlexibleLOM ports (Shown: 4 x 1GbE)

The Accessories

Table 3 shows the recommended elements for the HPE 826566-B21.

Product number	Description
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
870753-B21	HPE 300GB SAS 12G Enterprise 15K 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
868818-B21	HPE 480GB SATA 6G Read Intensive SFF (2.5in) SC 3yr Wty Digitally Signed Firmware SSD
875503-B21	HPE 240GB SATA 6G Read Intensive SFF (2.5in) SC 3yr Wty Digitally Signed Firmware SSD

Compare to Similar Items

Table 4 shows the comparison between HPE 826566-B21 and HPE 871430-B21.

Product Code	826566-B21	871430-B21
Description	HPE ProLiant DL380 Gen10 5118 2P 64GB-R P408i-a 8SFF 2x800W PS Performance Server	HPE ProLiant DL20 Gen9 E3-1240v6 3.7GHz 4-core 16GB-U H240 4SFF 290W PS Performance Server
Number of processors	2	1
Processor core available	12	4
Processor cache	16.5 MB L3	8MB
Processor speed	2.3 GHz	3.7GHz
Product dimensions (H x W x D)	17.54 x 28.75 x 3.44 in	17.1 x 15.05 x 1.7 in
Weight	32.6 lb	19.17 lb

Get more information

Do you have any question about the HPE 826566-B21 Sever?

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Specification

HPE 826566-B21 Specification	
Description	HPE ProLiant DL380 Gen10 5118 2P 64GB-R P408i-a 8SFF 2x800W PS Performance Server
Processor	Intel® Xeon® 5118 (12 core, 2.3 GHz, 16.5 MB, 105W)
Processor family	Intel® Xeon® Scalable 5100 series

Number of processors	2
Processor core available	12
Processor cache	16.5 MB L3
Processor speed	2.3 GHz
Form factor	2U
Power supply type	2 HPE 800W Flex Slot Platinum hot plug power supplies
Expansion slots	6 PCIe 3.0, for detailed descriptions reference the QuickSpecs
Maximum memory	1.5 TB, memory supported differs by processor selection
Memory, standard	64 GB (2x 32 GB) RDIMM
Memory slots	24 DIMM slots
Memory type	HPE DDR4 SmartMemory
Included hard drives	None ship standard, 8+2 SFF SAS drives supported
Optical drive type	DVD-RW
System fan features	6 single rotor fans included
Network controller	1 HPE 1 Gb 331i Ethernet adapter, 4-ports per controller and 1 HPE 10/25 Gb 2-port 640FLR-SFP28 Ethernet adapter
Storage controller	1 HPE Smart Array S100i and 1 HPE Smart Array P408i-a SR Gen10 controller
Product dimensions (H x W x D)	17.54 x 28.75 x 3.44 in
Weight	32.6 lb
Infrastructure management	HPE iLO Standard with Intelligent Provisioning (embedded), HPE OneView Standard (requires download) (standard) HPE iLO Advanced, HPE iLO Advanced Premium Security Edition, and HPE OneView Advanced (optional)

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