

Overview

P06420-B21 is an HPE Proliant DL380 Gen10 4110 1P 16GB-R P408i-a 8SFF 500W PS Performance Server.

Quick Spec

Table 1 shows the quick spec.

Model	P06420-B21
Processor	Intel® Xeon® 4110 (8 core, 2.1 GHz, 11 MB, 85W)
Maximum memory	3.0 TB with 128 GB DDR4
Storage controller	1 HPE Smart Array P408i-a Controller
Dimension	8.73 x 44.55 x 67.94 cm (3.44 x 17.54 x 26.75 in)
Weight	14.9 kg (32.75 lb) Minimum: 8 SFF chassis with 1x SFF HDD and 7 HDD blanks, 2x Drive Bay blanks, 1x processor including standard heatsink, 1x power supply (plus blank), 1x Smart Array, 1x Riser installed, cables for the above) 23.6 kg (51.5 lb) Maximum: 12 LFF hard drives (no rear drives), 2x processors, 2x power supplies, 1x Smart Array, 2x Risers installed)

Product Details

Figure 1 shows the Front View - SFF chassis with optional Universal Media bay with optical and 2 NVMe plus 16 NVMe shown.

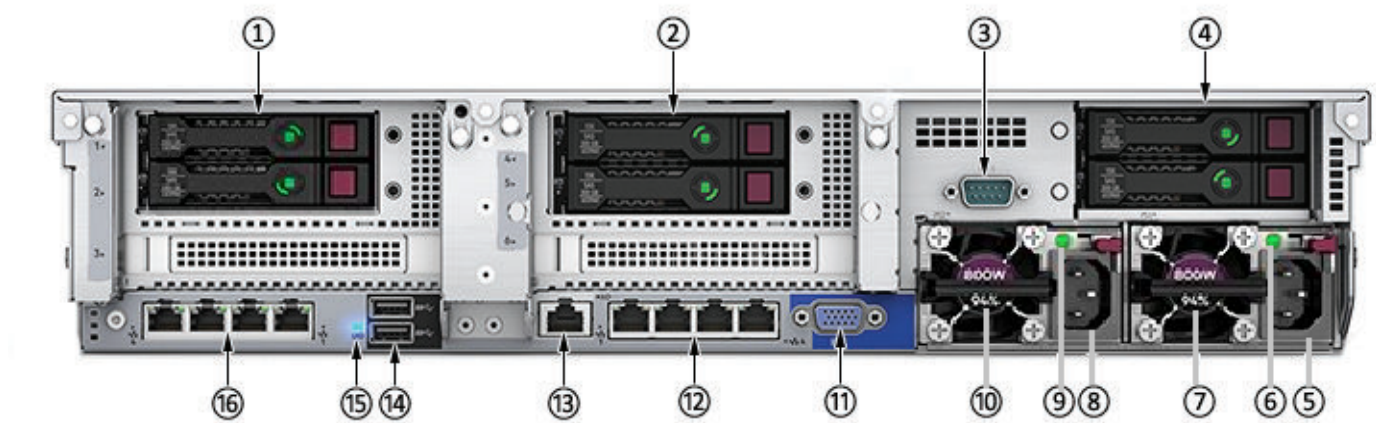


Note:

(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 USB 2.0 (via 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)	Serial label pull tag

(8)	Power On/Standby button and system power LED button
(9)	Health LED
(10)	NIC status
(11)	UID button
(12)	iLO Front Service Port
(13)	USB 3.0
(14)	Box 3
(15)	Box 2
(16)	Box 1
(17)	Optional 2 SFF HDD, requires optional Universal Media bay
(18)	Optional USB 2.0 (via Universal Media Bay)
(19)	Optional front display port (Via Universal Media Bay)

Figure 2 shows the back view.



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 connection
(6)	Power supply Power LED
(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)

Specification

P06420-B21 Specification	
Processor	Intel® Xeon® 4110 (8 core, 2.1 GHz, 11 MB, 85W)
Included hard drives	None ship standard, 8 SFF drives supported
Maximum memory	3.0 TB with 128 GB DDR4
Storage controller	1 HPE Smart Array P408i-a Controller
Dimension	8.73 x 44.55 x 67.94 cm (3.44 x 17.54 x 26.75 in)
Weight	14.9 kg (32.75 lb) Minimum: 8 SFF chassis with 1x SFF HDD and 7 HDD blanks, 2x Drive Bay blanks, 1x processor including standard heatsink, 1x power supply (plus blank), 1x Smart Array, 1x Riser installed, cables for the above) 23.6 kg (51.5 lb) Maximum: 12 LFF hard drives (no rear drives), 2x processors, 2x power supplies, 1x Smart Array, 2x Risers installed)
Input Requirements (per power supply)	Rated Line Voltage: 100 to 120 VAC, 200 to 240 VAC
BTU Rating Maximum	For 500W Power Supply: 1979 BTU/hr (at 100 VAC), 1911 BTU/hr (at 200 VAC), 1965 BTU/hr (at 240 VAC) for China Only For 800W Power Supply: 3207 BTU/hr (at 100 VAC), 3071 BTU/hr (at 200 VAC), 3112 BTU/hr (at 240 VAC) for China Only
Power Supply Output (per power supply)	Rated Steady-State Power: For 1400W Power Supply: 1400W (at 240 VAC), 1400W (at 240 VAC) For 800W Power Supply: 800W (at 100 VAC), 800W (at 240 VAC), 800W (at 240 VAC) input for China only For 500W Power Supply: 500W (at 100 VAC), 500W (at 240 VAC), 500W (at 240 VAC) input for China only Maximum Peak Power: For 1400W Power Supply: 1400W (at 200 to 240 1VAC), 1400W (at 240 VAC) input for China only For 800W Power Supply: 800W (at 100 to 127 VAC), 800W (at 200 to 240 1VAC), 800W (at 240 VAC) input for China only For 500W Power Supply: 500W (at 100 to 127 VAC), 500W (at 200 to 240 VAC), 500W (at 240 VAC) input for China only
Standard Operating Temperature	10° to 35°C (50° to 95°F) at sea level with an altitude derating of 1.0°C per every 305 m (1.8°F per every 1000 ft) above sea level to a maximum of 3050 m (10,000 ft), no direct sustained sunlight. Maximum rate of change is 20°C/hr (36°F/hr). The upper limit and rate of change may be limited by the type and number of options installed.