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Overview

P06422-B21 is an HPE ProLiant DL380 Gen10 5118 2.3GHz 12-core 1P 64GB-R P408i-a 8SFF 800W RPS Performance Server.

Quick Spec

Table 1 shows the quick spec.

| | |
|----------------------|---|
| SKU Number | P06422-B21 |
| Model Name | HPE ProLiant DL380 Gen10 5118 2.3GHz 12-core 1P 64GB-R P408i-a 8SFF 800W RPS Performance Server |
| Chassis | 8SFF |
| Processor | 5118 (12 core, 2.3 GHz, 105W) |
| Number of Processors | One processor With standard heatsink |
| Memory | 64 GB RDIMM 2R 2666 MT/s (2x 32 GB) NOTE: Runs at 2400 MT/s due to processor limitation. |
| Network Controller | HPE 1Gb Ethernet 4-Port 331i Adapter |
| Storage Controller | P408i-a/2GB with Smart Storage Battery |
| PCIe Slots | 3 PCIe: 2 x16, 1 x8 |
| Power Supply | 2x 800W |
| Fans | 4 - Standard |
| Management | HPE iLO 5 |

Product Details

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

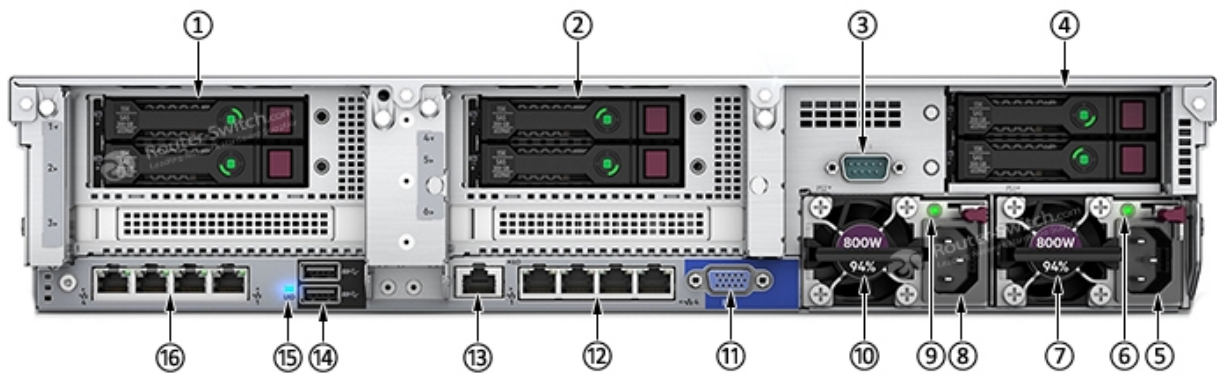


Note:

| | |
|-----|----------------------------|
| (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 4-6top 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) |

Supported Hard Drives

Table 2 show the supported hard drives.

| Model | 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 |
| 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 |

Compare to Similar item

Table 3 shows the comparison.

| SKU Number | P06421-B21 | P06422-B21 | P06423-B21 |
|-----------------------------|--|---|---|
| Model Name | HPE ProLiant DL380 Gen10 4114 2.2GHz 10-core 1P 32GB-R P408i-a 8SFF 800W PS Performance Server | HPE ProLiant DL380 Gen10 5118 2.3GHz 12-core 1P 64GB-R P408i-a 8SFF 800W RPS Performance Server | HPE ProLiant DL380 Gen10 6130 2.1GHz 16-core 1P 64GB-R P408i-a 8SFF 800W RPS Performance Server |
| Chassis | 8SFF | 8SFF | 8SFF |
| Processor | 4114 (10 core, 2.2 GHz, 85W) | 5118 (12 core, 2.3 GHz, 105W) | 6130 (16 core, 2.1 GHz, 125W) |
| Number of Processors | One processor With standard heatsink | One processor With standard heatsink | One processor With standard heatsink |
| Memory | 32 GB RDIMM 2R 2666 MT/s (1x 32 GB) NOTE: Runs at 2400 MT/s due to processor limitation. | 64 GB RDIMM 2R 2666 MT/s (2x 32 GB) NOTE: Runs at 2400 MT/s due to processor limitation. | 64 GB RDIMM 2R 2666 MT/s (2x 32 GB) NOTE: Runs at 2666 MT/s. |
| Network Controller | HPE 1Gb Ethernet 4-Port 331i Adapter | HPE 1Gb Ethernet 4-Port 331i Adapter | HPE 1Gb Ethernet 4-Port 331i Adapter |
| Storage Controller | P408i-a/2GB with Smart Storage Battery | P408i-a/2GB with Smart Storage Battery | P408i-a/2GB with Smart Storage Battery |
| PCIe Slots | 3 PCIe: 2 x16, 1 x8 | 3 PCIe: 2 x16, 1 x8 | 3 PCIe: 2 x16, 1 x8 |
| Power Supply | 1x 800W | 2x 800W | 2x 800W |
| Fans | 4 - Standard | 4 - Standard | 4 - Standard |

| | | | |
|------------|-----------|-----------|-----------|
| Management | HPE iLO 5 | HPE iLO 5 | HPE iLO 5 |
|------------|-----------|-----------|-----------|

Get More Information

Do you have any question about the P06422-B21?

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Specification

| P06422-B21 Specification | |
|--------------------------|---|
| Model Name | HPE ProLiant DL380 Gen10 5118 2.3GHz 12-core 1P 64GB-R P408i-a 8SFF 800W RPS Performance Server |
| Chassis | 8SFF |
| Processor | 5118 (12 core, 2.3 GHz, 105W) |
| Number of Processors | One processor With standard heatsink |
| Memory | 64 GB RDIMM 2R 2666 MT/s (2x 32 GB) NOTE: Runs at 2400 MT/s due to processor limitation. |
| Network Controller | HPE 1Gb Ethernet 4-Port 331i Adapter |
| Storage Controller | P408i-a/2GB with Smart Storage Battery |
| Hard Drive | None included |
| Optical Drive | None included |
| PCIe Slots | 3 PCIe: 2 x16, 1 x8 |
| Power Supply | 2x 800W |
| Fans | 4 - Standard |
| Management | HPE iLO 5 |
| Rail Kit | SFF Easy Install with CMA |
| Energy Star | Energy Star 2.1 |
| Form Factor | 2U Rack |
| Dimensions | 8.73 x 44.54 x 67.94 cm 3.44 x 17.54 x 26.75 in |

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