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Overview

The HPE ProLiant DL380 Gen9 Server delivers the latest performance and expandability. Reliability, serviceability and near continuous availability, backed by a comprehensive warranty, makes it ideal for any server environment. Deploy the data center standard.HPE 752689-B21,Designed to reduce costs and complexity, leveraging Intel's latest E5-2600 v4 processors with 21% performance gain, plus the latest HPE 2400 MHZ DDR4 SmartMemory supporting 3.0 TB and up to 23% performance increase. Supporting 12 Gb/s SAS, 40 Gb NIC with broad range compute options. HPE Persistent Memory, the world's first NVDIMM optimized on ProLiant, offering unprecedented levels of performance for databases and analytic workloads. Run everything from the most basic to mission critical applications, and can be deployed with confidence.

Quick Spec

Figure 1 shows the appearance of HPE 752689-B21.



Table 1 shows the quick spec.

| | |
|--------------------------------|--|
| Product Code | 752689-B21 |
| Processor | Intel® Xeon® E5-2650 v3 (10 core, 2.3 GHz, 25MB, 105W) |
| Number of processors | 2 |
| Processor core available | 10 |
| Processor cache | 25MB |
| Processor speed | 2.3GHz |
| Form factor (fully configured) | 2U |
| Product dimensions (H x W x D) | 17.54 x 26.75 x 3.44 in |
| Weight | 32.6 lb (minimum) |

Product Details

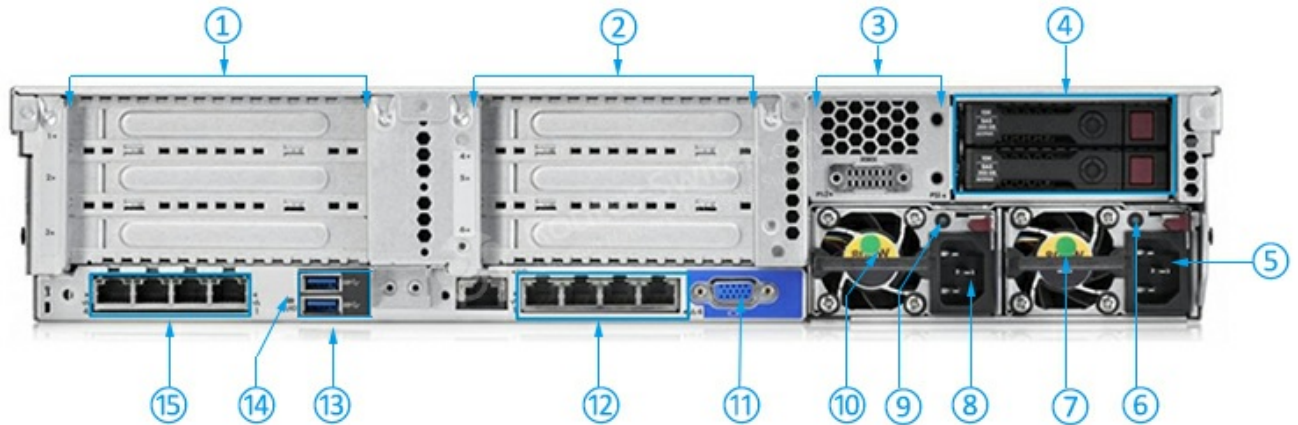
Figure 2 shows the front panel of HPE 752689-B21.



Note:

| | |
|------|---|
| (1) | Quick removal access panel |
| (2) | Universal Media bay. 2 USB 2.0 and VGA standard (8SFF bay optional) |
| (3) | Optional Optical drive. Requires Universal Media bay |
| (4) | Optional 2 SFF HDD, blank shown. Requires Universal Media bay |
| (5) | Drive Bay 2. Blank shown, 8SFF or 6NVMe 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) | USB 3.0 |
| (12) | Serial label pull tag |
| (13) | Bay 3 |
| (14) | Bay 2 |
| (15) | Bay 1 |

Figure 3 shows the back panel of HPE 752689-B21.



Note:

| | |
|------|--|
| (1) | PCI Slots (Slots 1-3 top to bottom, riser shipped standard) |
| (2) | PCI Slots (Slots 4-6top to bottom, requires second riser card, and second processor) |
| (3) | Optional serial port |
| (4) | 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 2 (800w shown) |
| (8) | Power supply Power connection |
| (9) | Power supply Power LED |
| (10) | HPE Flexible Slot Power Supply bay 1 (800w shown) |
| (11) | VGA connector |
| (12) | Embedded 4x1GbE Network Adapter |
| (13) | USB 3.0 connectors (2) |
| (14) | Unit ID LED |
| (15) | Optional FlexibleLOM ports (Shown: 4x1GbE) |

The Accessories

Table 2 shows the recommended elements for the HPE 752689-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 3 shows the comparison between [HPE 752689-B21](#) and [HPE 793308-B21](#).

| Product Code | 752689-B21 | 793308-B21 |
|--------------------------|----------------------------|----------------------------|
| Number of processors | 2 | 2 |
| Processor core available | 10 | 8 |
| Processor cache | 25MB | 20MB L3 |
| Processor speed | 2.3GHz | 2.0GHz |

Get more information

Do you have any question about the HPE 752689-B21 Server?

Contact us now via [Live Chat](#) or sales@router-switch.com.

Specification

| HPE 752689-B21 Specification | |
|--------------------------------|--|
| Energy efficiency | ENERGY STAR® qualified |
| Processor | Intel® Xeon® E5-2650 v3 (10 core, 2.3 GHz, 25MB, 105W) |
| Number of processors | 2 |
| Processor core available | 10 |
| Processor cache | 25MB |
| Processor speed | 2.3GHz |
| Form factor (fully configured) | 2U |
| Form factor chassis | Rack |
| Power supply type | (2) 800W Flex Slot Platinum hot plug power supply kit |
| Expansion slots | (6) PCIe PCIe 3.0, For detail descriptions reference the QuickSpecs |
| Memory, maximum | 1.5TB |
| Memory, standard | 32GB (2x16GB) RDIMM |
| Memory slots | 24 DIMM slots |

| | |
|--------------------------------|---|
| Memory type | 2R x4 PC4-2133P-R |
| Included hard drives | (8) SFF SAS 8 SFF Chassis, 440ar/2GB SAS controller |
| Optical drive type | DVD-RW |
| System fan features | 4-single rotor fans |
| Graphic card | Choice of up to 2 double wide GPGPU's, or 3 single wide GPGPU's |
| Network controller | Broadcom 4x1Gbe and 10Gb 533FLR-T FlexFabric Adapter 2 Ports per controller |
| Storage controller | Dynamic Smart Array B140i and Smart Array P440ar/2GB FBWC |
| Product dimensions (H x W x D) | 17.54 x 26.75 x 3.44 in |
| Weight | 32.6 lb (minimum) |
| Infrastructure management | iLO Management (standard), Intelligent Provisioning (standard), iLO Advanced (optional), HP OneView (optional), HP Insight Control (optional) |

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