

ProLiant DL580 Gen9 Server - Pre-configured Models

High Performance Models

- 793312-xx1
- DL580Gen9 Xeon E7-8890v3 (2.5GHz/18C/45MB/165W) 4P, 256GB-R, P830i/4GB FBWC, 5 SFF, 4x1500W CS HP PS
- 793310-xx1
- DL580Gen9 Xeon E7-4850v3 (2.2GHz/14C/35MB/115W) 4P, 128GB-R, P830i/4GB FBWC, 5 SFF, 4x1200W CS HP PS

Database Models

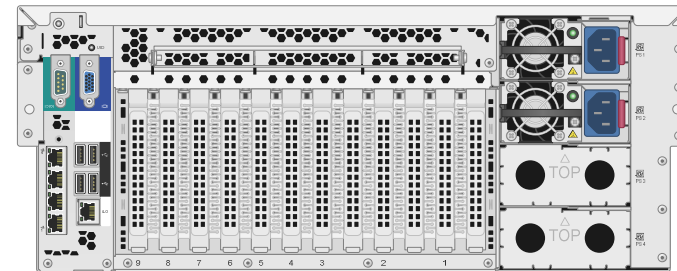
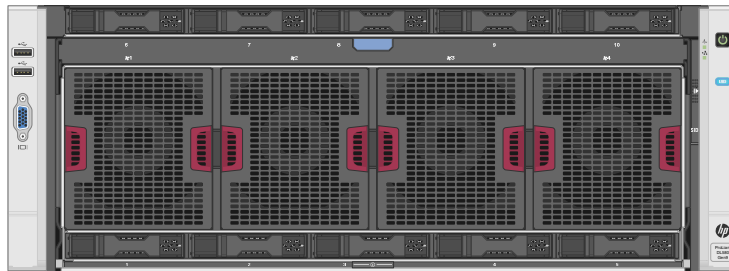
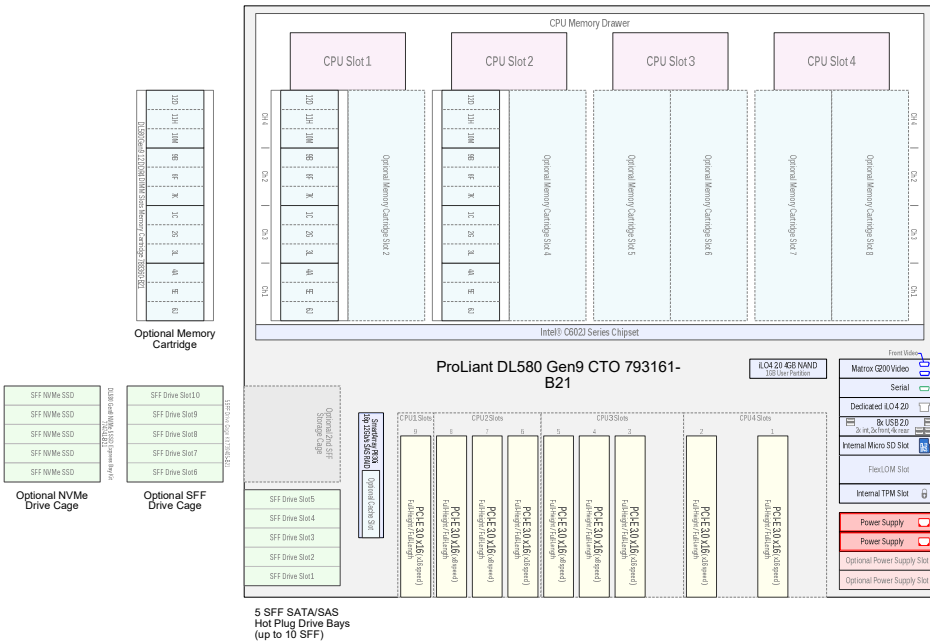
- 793314-xx1
- DL580Gen9 Xeon E7-8893v3 (3.2GHz/4C/45MB/140W) 4P, 256GB-R, P830i/4GB FBWC, 5 SFF, 4x1500W CS HP PS

Base Models

- 793308-xx1
- DL580Gen9 Xeon E7-4809v3 (2.0GHz/8C/20MB/115W) 2P, 64GB-R, P830i/2GB FBWC, 5 SFF, 2x1200W CS HP PS

Country Code Key

- B21 Worldwide
- 001 US
- 201 Brazil
- 291 Japan
- 371 APD
- 421 EURO
- AA1 PRC



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CPU

18-Core

Xeon E7-880v3 (2.5GHz/18c/45MB/165W) 78831-FB21
 Xeon E7-880v3 (2.5GHz/18c/45MB/165W) 78831-FB21
 Xeon E7-8870v2 (2.1GHz/18c/45MB/140W) 78832-FB21
 Xeon E7-880v3 (2.0GHz/18c/45MB/115W) 78833-FB21

16-Core

Xeon E7-880v3 (2.5GHz/16c/45MB/140W) 78832-FB21
 Xeon E7-887v3 (2.1GHz/16c/45MB/140W) 78833-FB21

14-Core

Xeon E7-4850v3 (2.5GHz/14c/35MB/115W) 78832-FB21

12-Core

Xeon E7-4830v3 (2.1GHz/12c/35MB/115W) 78832-FB21

10-Core

Xeon E7-8891v3 (2.8GHz/10c/45MB/165W) 78833-FB21
 Xeon E7-8891v3 (2.8GHz/10c/45MB/165W) 78833-FB21
 Xeon E7-8891v3 (2.8GHz/10c/45MB/165W) 78833-FB21

8-Core

Xeon E7-4809v2 (2.0GHz/8c/20MB/115W) 78833-FB21

4-Core

Xeon E5-5533v3 (3.2GHz/4c/45MB/140W) 78833-FB21

Memory

LRDIMM
 128GB (8x16GB) 1600MHz DDR4
 RDIMM
 128GB (8x16GB) 1600MHz DDR4

Workload Acce.

6.4TB FH/HL VE PCIe 763840-B21
 3.2TB HH/HL VE PCIe 763838-B21
 1.6TB HH/HL VE PCIe 763836-B21
 1.3TB HH/HL VE PCIe 763834-B21
 5.2TB FH/HL LE PCIe 775672-B21
 2.6TB HH/HL LE PCIe 775670-B21
 1.3TB HH/HL LE PCIe 775668-B21
 1.0TB HH/HL LE PCIe 775666-B21
 2.0TB NVMe MU HH/HL PCIe 803204-B21
 1.6TB NVMe MU HH/HL PCIe 803202-B21
 800GB NVMe MU HH/HL PCIe 803200-B21
 1.6TB NVMe WI HH/HL PCIe 803197-B21
 800GB NVMe WI HH/HL PCIe 803195-B21

Drives

NVMe PCIe SSD
 1.6TB NVMe PCIe 512Gb SFF SSD 78896621
 3.8TB NVMe PCIe 1.6TB SFF SSD 78896621
 8TB NVMe PCIe 800GB SFF SSD 78896621
 1.6TB NVMe PCIe 512Gb SFF SSD 78896621
 3.8TB NVMe PCIe 1.6TB SFF SSD 78896621
 8TB NVMe PCIe 800GB SFF SSD 78896621
 1.6TB NVMe PCIe 512Gb SFF SSD 78896621
 3.8TB NVMe PCIe 1.6TB SFF SSD 78896621
 8TB NVMe PCIe 800GB SFF SSD 78896621

HP SATA SFF SSD
 1.6TB SATA SFF SSD 803204-B21
 3.2TB SATA SFF SSD 803204-B21
 8TB SATA SFF SSD 803204-B21
 1.6TB SATA SFF SSD 803204-B21
 3.2TB SATA SFF SSD 803204-B21
 8TB SATA SFF SSD 803204-B21
 1.6TB SATA SFF SSD 803204-B21
 3.2TB SATA SFF SSD 803204-B21
 8TB SATA SFF SSD 803204-B21

HP SAS SFF HDD
 2TB SAS 72K SFF SC 512b HDD 78564521
 1TB SAS 72K SFF SC 512b HDD 78564521
 3TB SAS 72K SFF SC 512b HDD 78564521
 6TB SAS 72K SFF SC 512b HDD 78564521
 12TB SAS 72K SFF SC 512b HDD 78564521
 4.5TB SAS 15K SFF SC 512b HDD 78564521
 9TB SAS 15K SFF SC 512b HDD 78564521
 18TB SAS 15K SFF SC 512b HDD 78564521

HP SAS SFF SSD
 1.6TB SAS SFF SSD 803204-B21
 3.2TB SAS SFF SSD 803204-B21
 8TB SAS SFF SSD 803204-B21
 1.6TB SAS SFF SSD 803204-B21
 3.2TB SAS SFF SSD 803204-B21
 8TB SAS SFF SSD 803204-B21
 1.6TB SAS SFF SSD 803204-B21
 3.2TB SAS SFF SSD 803204-B21
 8TB SAS SFF SSD 803204-B21

Networking

PCI-E
 HP Ethernet 1Gb 4Port 331T 647594-B21
 HP Ethernet 1Gb 2Port 332T 615732-B21
 HP Ethernet 1Gb 2Port 361T 652497-B21
 HP Ethernet 1Gb 4Port 366T 811546-B21
 HP Ethernet 10Gb 2Port 530T 656596-B21
 HP Ethernet 10Gb 2Port 530SFP 652503-B21
 HP Ethernet 10Gb 2Port 546SFP+ 779793-B21
 HP Ethernet 10Gb 2Port 560SFP+ 665249-B21
 HP Ethernet 10Gb 2Port 561T 716591-B21

Networking

FlexibLe.OM
 10GbE SFP+ 100Gbit/s Ethernet (100G) (80001981)
 10GbE SFP+ 40Gbit/s Ethernet (40G) (80001981)
 10GbE SFP+ 25Gbit/s Ethernet (25G) (80001981)
 10GbE SFP+ 10Gbit/s Ethernet (10G) (80001981)
 10GbE SFP+ 10Gbit/s Ethernet (10G) (80001981)
 10GbE SFP+ 10Gbit/s Ethernet (10G) (80001981)
 10GbE SFP+ 10Gbit/s Ethernet (10G) (80001981)
 10GbE SFP+ 10Gbit/s Ethernet (10G) (80001981)

Storage Controller

RAID Card
 SmartArray P430/2G FBWC 6Gb 1P Int SAS Ctrl 698529-B21
 SmartArray P430/4G FBWC 6Gb 1P Int SAS Ctrl 698530-B21
 SmartArray P431/2G FBWC 6Gb 2P Ext SAS Ctrl 698531-B21
 SmartArray P431/4G FBWC 6Gb 2P Ext SAS Ctrl 698532-B21
 SmartArray P830/4G FBWC 6Gb 2P SAS 698533-B21

SCSI Card
 HP H240 12Gb 1-port Int HBA 726907-B21
 HP H241 12Gb 2-port Ext Smart HBA 726911-B21

FC Card
 SW 81E 8Gb PCI-e AJ762B
 SW 82E 8Gb Dual PCI-e AJ763B
 HP StoreFabric SN1100E 16Gb 1Port FC HBA C8R38A
 HP StoreFabric SN1100E 16Gb 2Port FC HBA C8R39A
 SW 81Q 8Gb PCI-AEK A344A
 SW 82Q 8Gb Dual PCI-AEK AJ764A
 HP StoreFabric SN1000Q 16Gb 1Port FC HBA QW971A
 HP StoreFabric SN1000Q 16Gb 2Port FC HBA QW972A
 HP StoreFabric CN1100R 2Port QW990A
 HP StoreFabric CN1200E 10Gb E7Y06A

Computation & Graphics Acce.

Double Wide GPU Acceleration
 NVIDIA Tesla K40C 12GB/753960-B21
 Double Wide GPU Acceleration
 NVIDIA Quadro M6000 GPU J0392A

ProLiant DL580 Gen9 Server - Components

HPC Cards

HP IB FDR Dual 545SFP 702211-B21
 HP IB FDR EN 10400cb 2P 544-QSFP 784284-B21

Pwr Supply

1200W CS Platinum Plus HotPlug P7342B21
 800W PS-800C Thermal PS7870621
 1200W CS Platinum Plus HotPlug P7342B21
 1200W CS Platinum Plus HotPlug P7342B21

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