



ProLiant SL4540 Gen8 Server - Configuration Information

1 Node Configuration (1x60 Model)

663600-B21 SL454x 1x Node Chassis
 664644-B21 SL4540 Gen8 Tray 1x Node Server
 Standard 5 dual fan modules,
 2 SFF drive slots,
 60 LFF drive slots,
 One node total

2 Node Configuration (2x25 Model)

663600-B22 SL454x 2x Node Chassis
 664644-B22 SL4540 Gen8 Tray 2x Node Server
 Standard 5 dual fan modules,
 4 SFF drive slots with 2 per node,
 50 LFF drive slots with 25 per node,
 Two nodes total

3 Node Configuration (3x15 Model)

663600-B23 SL454x 3x Node Chassis
 664644-B23 SL4540 Gen8 Tray 3x Node Server
 Standard 5 dual fan modules,
 6 SFF drive slots with 2 per node,
 45 LFF drive slots with 15 per node,
 Three nodes total

- Pre-configured Models

74849-001 SL4540 Gen8 3 nodes
 Xeon E5-2470v2 (2.4GHz/10c/25MB/95W) 1P, H220

Options for I/O Module



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ProLiant SL4540 Gen8 Server - Components

CPU

E5-2400 8-Core 15.1M Cache 3.40GHz (Turbo) 130nm 13.5W TDP 800MHz FSB 13.5W TDP 800MHz FSB	E5-2400v2 10-Core 15.1M Cache 3.40GHz (Turbo) 130nm 13.5W TDP 800MHz FSB 13.5W TDP 800MHz FSB
6-Core 15.1M Cache 3.40GHz (Turbo) 130nm 13.5W TDP 800MHz FSB 13.5W TDP 800MHz FSB	8-Core 15.1M Cache 3.40GHz (Turbo) 130nm 13.5W TDP 800MHz FSB 13.5W TDP 800MHz FSB
6-Core 15.1M Cache 3.40GHz (Turbo) 130nm 13.5W TDP 800MHz FSB 13.5W TDP 800MHz FSB	6-Core 15.1M Cache 3.40GHz (Turbo) 130nm 13.5W TDP 800MHz FSB 13.5W TDP 800MHz FSB
4-Core 15.1M Cache 3.40GHz (Turbo) 130nm 13.5W TDP 800MHz FSB 13.5W TDP 800MHz FSB	4-Core 15.1M Cache 3.40GHz (Turbo) 130nm 13.5W TDP 800MHz FSB 13.5W TDP 800MHz FSB

Memory

E5-2400 E5-2400v2

CDIMM

16GB 1.5V DDR3
16GB 1.5V DDR3
16GB 1.5V DDR3
16GB 1.5V DDR3

Mezz to PCI

PCIe-2x8

Power Supply

750W 63 PE 1.5V 12.5A PS
750W 63 PE 1.5V 12.5A PS
750W 63 PE 1.5V 12.5A PS
750W 48VDC PS 12.5A 12.5V

Hard Drives

HP SAS LFF HDD 600GB 1.2G SAS 15K LFF SC ENT HDD 765424B21	HP SATA LFF SSD 1.1TB 1.2G SAS VE LFF SC EV 762774B21	HP SATA SFF HDD 1TB 5400 RPM 9.5mm SATA 6Gb/s 762774B21
600GB 6G SAS 15K LFF SC Ent HDD 626269B21	800GB 1.2G SAS VE LFF SC EV 762774B21	HP SATA SFF SSD 300GB 6G SATA 7.2K SFF 6GB/s 762774B21
450GB 6G SAS 15K LFF SC Ent HDD 626269B21	600GB 6G SATA VE LFF SC ENT Value SSD 739890B21	800GB 6G SATA 7.2K SFF 6GB/s 762774B21
6TB 6G SAS 7.2K LFF SC MDL HDD 761474B21	300GB 6G SATA VE LFF SC ENT Value SSD 739890B21	800GB 6G SATA 7.2K SFF 6GB/s 762774B21
4TB 6G SAS 7.2K LFF SC MDL HDD 695510B21	800GB 6G SATA VE LFF SC ENT Value SSD 739890B21	800GB 6G SATA 7.2K SFF 6GB/s 762774B21
3TB 6G SAS 7.2K LFF SC MDL HDD 652766B21	400GB 6G SATA VE LFF SC ENT Value SSD 718184B21	800GB 6G SATA 7.2K SFF 6GB/s 762774B21
2TB 6G SAS 7.2K LFF SC MDL HDD 652757B21	240GB 6G SATA VE LFF SC ENT Value SSD 718184B21	800GB 6G SATA 7.2K SFF 6GB/s 762774B21
1TB 6G SAS 7.2K LFF SC MDL HDD 652735B21	800GB 6G SATA ME LFF SC ENT Mainstream SSD 691865B21	800GB 6G SATA 7.2K SFF 6GB/s 762774B21
HP SATA LFF HDD 4TB 6G SATA 7.2K LFF SC MDL HDD 753674B21	400GB 6G SATA ME LFF SC ENT Mainstream SSD 691865B21	800GB 6G SATA 7.2K SFF 6GB/s 762774B21
4TB 6G SATA 7.2K LFF SC MDL HDD 663684B21	200GB 6G SATA ME LFF SC ENT Mainstream SSD 691865B21	800GB 6G SATA 7.2K SFF 6GB/s 762774B21
4TB 6G SATA 7.2K LFF SC MDL HDD 663684B21	100GB 6G SATA ME LFF SC ENT Mainstream SSD 691865B21	800GB 6G SATA 7.2K SFF 6GB/s 762774B21
3TB 6G SATA 7.2K LFF SC MDL HDD 628061B21	800GB 6G SATA 7.2K SFF 6GB/s 762774B21	800GB 6G SATA 7.2K SFF 6GB/s 762774B21
2TB 6G SATA 7.2K LFF SC MDL HDD 658079B21	800GB 6G SATA 7.2K SFF 6GB/s 762774B21	800GB 6G SATA 7.2K SFF 6GB/s 762774B21
1TB 6G SATA 7.2K LFF SC MDL HDD 65750B21	800GB 6G SATA 7.2K SFF 6GB/s 762774B21	800GB 6G SATA 7.2K SFF 6GB/s 762774B21
600GB 6G SATA 7.2K LFF SC MDL HDD 693671B21	800GB 6G SATA 7.2K SFF 6GB/s 762774B21	800GB 6G SATA 7.2K SFF 6GB/s 762774B21

Networking

HP ProLiant 10Gb SFP+ 10Gbps 1000000000

HP Ethernet 10Gb SFP+ 10Gbps 1000000000

HP Ethernet 10Gb SFP+ 10Gbps 1000000000

HP Ethernet 10Gb SFP+ 10Gbps 1000000000

HP Ethernet 10Gb SFP+ 10Gbps 1000000000

Storage Controller SAS Ctrl

SmartArray P410i SAS Controller

SmartArray P410i SAS Controller

SmartArray P410i SAS Controller

SmartArray P410i SAS Controller

SmartArray P410i SAS Controller

SCSI HBA

HP P410i 2.4 Gbps SAS HBA 693671B21

FIO Ctrlers

HP SmartArray P410i Mezz Ctrl 691865B21

Workload Accel.

1.4TB 16Kb ME PCIe 728874B21

700GB 16Kb ME PCIe 728874B21

700GB 16Kb ME PCIe 728874B21

700GB 16Kb ME PCIe 728874B21

I/O Accelerator

700GB ME C-02 PCIe v20ms 673664B21

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