

# HP ProLiant DL380 Generation 5

## Option Parts Catalog

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## Part Number and RoHS Information

**IMPORTANT:** Obtaining Current Part Number Information

**As of 1-NOV-2006, this document will no longer be maintained.**

To obtain current part number information for this product, including RoHS-compliant and orderable spare parts, please use one of the following utilities:

- HP PartSurfer at the URL <http://partsurfer.hp.com>. (To report missing or incorrect parts information in PartSurfer, please use the "Contact us" and "Missing or incorrect data" links within the utility.)

To lookup RoHS-compliant information in PartSurfer, use the component's option part number or the sales order number for a system in which the component is used (available in the QuickSpecs or Standard Models page). The spare part number does not provide RoHS-compliant information.

- The Part Page at the URL <http://supportparts.rose.hp.com/materials/tis/pdmbomlookup/pdmbomlookup.asp>.

To lookup part numbers by the sales SKU number click on "Exploded to Spare" or to lookup part numbers by the spare part number click on the link to "lookup by spare".

## Unique Options

Description	Option part#
Mixed Riser Cage Option Kit (PCI-E/PCI-X)	410570-B21
<b>Redundant Options</b>	
Redundant Power Supply 350/370/380 G5 (IEC) Kit	399771-B21
Redundant Power Supply 350/370/380 G5 (NEMA) Kit	399771-001
Redundant Power Supply 380 G5 Kit - 48Volt DC	433634-B21
<b>Power Cords</b>	
Nema 5-15P to IEC320-C13, low voltage (6 ft/2 m)	AF556A

## Processors

### Quad-Core Intel Xeon Processor

Description	Option part#
Quad-Core Intel Xeon Processor X5355 (2.66 GHz , 120 Watts, 1333 FSB)	437939-B21
Quad-Core Intel Xeon Processor E5345 (2.33 GHz, 80 Watts, 1333 FSB)	437940-B21
Quad-Core Intel Xeon Processor E5335 (2.00 GHz, 80 Watts, 1333 FSB)	437941-B21
Quad-Core Intel Xeon Processor E5320 (1.86 GHz, 80 Watts, 1066 FSB)	433522-B21
Quad-Core Intel Xeon Processor L5320 (1.86 GHz, 50 Watts, 1066 FSB)	435934-B21
Quad-Core Intel Xeon Processor E5310 (1.60 GHz, 80 Watts, 1066 FSB)	437943-B21

### Dual-Core Intel Xeon Processor

Description	Option part#
Dual-Core Intel Xeon 5160 Processor (3.0 GHz, 1333 FSB)	418324-B21
Dual-Core Intel Xeon 5150 Processor (2.67 GHz, 1333 FSB)	418323-B21
Dual-Core Intel Xeon Processor 5148 (2.33 GHz, 40 Watts, 1333 FSB, Low Voltage)	432333-B21
Dual-Core Intel Xeon 5140 Processor (2.33 GHz, 1333 FSB)	418322-B21
Dual-Core Intel Xeon 5130 Processor (2.0 GHz, 1333 FSB)	418321-B21

Description	Option part#
Dual-Core Intel Xeon 5120 Processor (1.86 GHz, 1066 FSB)	418320-B21
Dual-Core Intel Xeon 5110 Processor (1.6 GHz, 1066 FSB)	418319-B21
Dual-Core Intel Xeon 5080 Processor (3.73 GHz, 1066 FSB)	412967-B21
Dual-Core Intel Xeon 5060 Processor (3.2 GHz, 1066 FSB)	397328-B21
Dual-Core Intel Xeon 5050 Processor (3.0 GHz, 667 FSB)	397326-B21

## Memory (DIMMs)

Description	Option part#
1 GB FBD PC2-5300 (2 x 512 MB) Kit	397409-B21
2 GB FBD PC2-5300 (2 x 1 GB) Kit	397411-B21
4 GB FBD PC2-5300 (2 x 2 GB) Kit	397413-B21
8 GB FBD PC2-5300 (2 x 4 GB) Kit	397415-B21

## Storage Devices

Description	Option part#
<b>Removable Media</b>	
Slimline CD-RW/DVD-ROM Combo Option Kit <sup>1</sup>	331903-B21
Slimline DVD-ROM Drive (8x/24x) Option Kit	264007-B21
Slimline CD-ROM Drive 24X	356963-B21
HP DVD+R/RW 8X Slim	383975-B21
Slimline Ejectable Floppy drive	390164-B21
<b>SFF SAS - Universal Hot Plug</b>	
HP 36 GB 3G SAS 10K SFF HDD <sup>2</sup>	375859-B21
HP 72 GB 3G SAS 10K SFF HDD <sup>2</sup>	375861-B21
HP 146 GB 3G SAS 10K SFF SP HDD <sup>2</sup>	431958-B21
HP 36 GB 3G SAS 15K SFF SP HDD <sup>2</sup>	431933-B21
HP 72 GB 3G SAS 15K SFF SP HDD <sup>2</sup>	431935-B21
<b>SFF SATA Hot Plug</b>	
HP 60 GB 1.5G SATA 5.4K SFF HDD <sup>3</sup>	379306-B21
<b>Note 1:</b> Included in performance models.	
<b>Note 2:</b> Please see the SAS Hard Drive QuickSpecs for Technical Specifications	

Description	Option part#
such as capacity, height, width, interface, transfer rate, seek time, physical configuration, and operating temperature: <a href="http://h18000.www1.hp.com/products/quickspecs/12244_na/12244_na.HTML">http://h18000.www1.hp.com/products/quickspecs/12244_na/12244_na.HTML</a> .	
<b>Note 3:</b> SATA drives have a 1 year warranty. Please see the SATA Hard Drive QuickSpecs for Technical Specifications such as capacity, height, width, interface, transfer rate, seek time, physical configuration, and operating temperature: <a href="http://h18000.www1.hp.com/products/quickspecs/12091_na/12091_na.HTML">http://h18000.www1.hp.com/products/quickspecs/12091_na/12091_na.HTML</a> .	

## Storage Controllers

**NOTE:** Please refer to the HP ProLiant DL380 G5 SCSI Cabling Matrix for information on what's required to cable optional array controllers:  
<ftp://ftp.compaq.com/pub/products/servers/proliantdl380/dl380g4-cablingmatrix.pdf>.

Description	Option part#
<b>SAS Controllers</b>	
HP Smart Array E200/128 MB Controller <sup>1</sup>	411508-B21
HP Smart Array E200/64 MB Controller <sup>1</sup>	409180-B21
HP Smart Array E200 128 MB BBWC (Battery-Backed Write Cache) Enabler <sup>1,4</sup>	351580-B21
HP Smart Array P400 Controller with 256 MB <sup>2</sup>	405132-B21
HP Smart Array P400 Controller with 512 MB and BBWC <sup>2</sup>	411064-B21
HP Smart Array P400, 512 MB Battery-backed cache upgrade <sup>2</sup>	405148-B21
HP Smart Array P400 Controller Battery-backed write cache upgrade <sup>2</sup>	383280-B21
Smart Array P400 Battery Attach Kit <sup>2,5</sup>	417836-B21
HP Smart Array P600 Controller <sup>3,6</sup>	337972-B21
HP Smart Array P600 Controller 512 MB Battery-Backed Cache upgrade <sup>3,7</sup>	372538-B21
<b>SAS HBA</b>	
HP 8 Internal Port SAS HBA with RAID <sup>8</sup>	347786-B21
<b>SCSI Controllers for External Drive/Storage Support</b>	
HP Smart Array 6402/128 Ultra320 SCSI Controller <sup>9,12</sup>	273915-B21
HP Smart Array 6404/256 Ultra320 SCSI Controller <sup>9,12</sup>	273914-B21
HP Smart Array 642 Ultra320 SCSI Controller <sup>9,13</sup>	291967-B21
128 MB Battery-Backed Write Cache (BBWC) <sup>10</sup>	351580-B21
Ultra320 Expansion Module for SA-6402	273911-B21

Description	Option part#
64-Bit/133 MHz Single Channel Ultra320 SCSI HBA G2 <sup>11</sup>	374654-B21
<p><b>Note 1:</b> Please see the following Controller QuickSpecs for Technical Specifications such as PCI Bus, PCI Peak Data Transfer Rate, SCSI Protocols supported, SCSI Peak Data Transfer Rate, Channels, SCSI Ports, Drives supported, Cache, RAID support, and additional information:  <a href="http://h18000.www1.hp.com/products/quickspecs/12460_na/12460_na.HTML">http://h18000.www1.hp.com/products/quickspecs/12460_na/12460_na.HTML</a>(Smart Array E200 Controller)</p> <p><b>Note 2:</b> Please see the following Controller QuickSpecs for Technical Specifications such as PCI Bus, PCI Peak Data Transfer Rate, SCSI Protocols supported, SCSI Peak Data Transfer Rate, Channels, SCSI Ports, Drives supported, Cache, RAID support, and additional information:  <a href="http://h18000.www1.hp.com/products/quickspecs/12400_na/12400_na.HTML">http://h18000.www1.hp.com/products/quickspecs/12400_na/12400_na.HTML</a> (Smart Array P400 Controller)</p> <p><b>Note 3:</b> Please see the following Controller QuickSpecs for Technical Specifications such as PCI Bus, PCI Peak Data Transfer Rate, SCSI Protocols supported, SCSI Peak Data Transfer Rate, Channels, SCSI Ports, Drives supported, Cache, RAID support, and additional information:  <a href="http://h18000.www1.hp.com/products/quickspecs/12247_na/12247_na.HTML">http://h18000.www1.hp.com/products/quickspecs/12247_na/12247_na.HTML</a>(Smart Array P600 Controller)</p> <p><b>Note 4:</b> Supports the Smart Array E200 Controller, Smart Array 641 Controller, and Smart Array 642 Controller.</p> <p><b>Note 5:</b> This option kit contains a 24" battery cable and adhesive material for installing a battery into the server if a Smart Array P400 is integrated outside of the factory. For all solutions, please refer to the server QuickSpecs and User's Manual for detailed installation instructions.</p> <p><b>Note 6:</b> Requires Mixed PCI-E/X riser cage.</p> <p><b>Note 7:</b> This 512 MB Battery-Backed Cache Module upgrade kit supports the Smart Array P600 Controller and the Smart Array 6400 series Controller.</p> <p><b>Note 8:</b> Please see the following QuickSpecs for additional information:  <a href="http://h18004.www1.hp.com/products/quickspecs/12332_na/12332_na.html">http://h18004.www1.hp.com/products/quickspecs/12332_na/12332_na.html</a>(SAS HBA).</p> <p><b>Note 9:</b> All Ultra 320 controllers are PCI-X and require the Mixed Riser Cage Option Kit (PCI-E/PCI-X).</p> <p><b>Note 10:</b> Supports the Smart Array E200 Controller, Smart Array 641 Controller, and Smart Array 642 Controller.</p> <p><b>Note 11:</b> Please see the following Controller or SCSI Adapter QuickSpecs for Technical Specifications such as PCI Bus, PCI Peak Data Transfer Rate, SCSI Protocols supported, SCSI Peak Data Transfer Rate, Channels, SCSI Ports, Drives supported, Cache, RAID support, and additional information:</p>	

Description	Option part#
<a href="http://h18000.www1.hp.com/products/quickspecs/11943_na/11943_na.HTML">http://h18000.www1.hp.com/products/quickspecs/11943_na/11943_na.HTML</a> (Single Channel Ultra320 SCSI HBA)	
<p><b>Note 12:</b> Please see the following Controller or SCSI Adapter QuickSpecs for Technical Specifications such as PCI Bus, PCI Peak Data Transfer Rate, SCSI Protocols supported, SCSI Peak Data Transfer Rate, Channels, SCSI Ports, Drives supported, Cache, RAID support, and additional information:  <a href="http://h18000.www1.hp.com/products/quickspecs/11587_na/11587_na.HTML">http://h18000.www1.hp.com/products/quickspecs/11587_na/11587_na.HTML</a>(Smart Array 6400 Series)</p>	
<p><b>Note 13:</b> Please see the following Controller or SCSI Adapter QuickSpecs for Technical Specifications such as PCI Bus, PCI Peak Data Transfer Rate, SCSI Protocols supported, SCSI Peak Data Transfer Rate, Channels, SCSI Ports, Drives supported, Cache, RAID support, and additional information:  <a href="http://h18000.www1.hp.com/products/quickspecs/12069_na/12069_na.HTML">http://h18000.www1.hp.com/products/quickspecs/12069_na/12069_na.HTML</a>(Smart Array 642)</p>	

## Communications

Description	Option part#
HP NC150T PCI 4-port Gigabit 1000T Combo Switch Adapter <sup>1</sup>	367132-B21
HP NC310F PCI-X 1000SX Gigabit Server Adapter <sup>1</sup>	368169-B21
HP NC320T PCI Express 1000T Gigabit Server Adapter <sup>1</sup>	367047-B21
HP NC340T PCI-X 4-port 1000T Gigabit Server Adapter <sup>1</sup>	391661-B21
HP NC370F PCI-X Multifunction 1000SX Gigabit Server Adapter <sup>1</sup>	374193-B22
HP NC370T PCI-X Multifunction 1000T Gigabit Server Adapter <sup>1</sup>	374191-B22
HP NC373F PCI Express Multifunction Gigabit Server Adapter <sup>1</sup>	394793-B21
HP NC380T PCI Express Dual Port Multifunction Gigabit Server Adapter <sup>1</sup>	394795-B21
HP NC1020 PCI 1000T Gigabit Server Adapter	353377-B21
HP NC7170 PCI-X Dual Port 1000T Gigabit Server Adapter <sup>1</sup>	313881-B21
HP NC7771 PCI-X 1000T Gigabit Server Adapter <sup>1</sup>	290563-B21
<p><b>Note 1:</b> Any NIC (except the NC1020) on the option list can be used for redundancy with the embedded Dual NC373i Multifunction Gigabit NICs. When teaming with other NICs or with the embedded NIC, the lack of Jumbo Frames and LSO features on the NC1020 will cause high end NICs to have those features disabled.</p>	

## ProLiant Essentials Value Pack Software

Description	Option part#
ProLiant Essentials Integrated Lights-Out Advanced Pack, 1 server Featuring: sophisticated virtual administration features for ultimate control of servers in the data centers and remote sites. <sup>1</sup>	263825-B21
ProLiant Essentials Integrated Lights-Out Select Pack, 1 server License Featuring: sophisticated remote control and security features for HP BladeSystem servers and ProLiant ML/DL servers in text console environments. <sup>2</sup>	413119-B21
ProLiant Essentials Intelligent Networking Pack, Single Server License <sup>3</sup>  <b>NOTE:</b> For use with a single server. Contains one license with a unique license activation key and documentation.	372906-B21
ProLiant Essentials Intelligent Networking Pack - Linux Edition, Single Server License <sup>4</sup>	397004-B21
ProLiant Essentials Performance Management Pack, Single-Server License <sup>5</sup>  <b>NOTE:</b> For use with a single server. Contains one license with a unique license activation key, HP Management CD and documentation. <b>NOTE:</b> The most recent version of the software can always be downloaded at <a href="http://www.hp.com/products/pmp">http://www.hp.com/products/pmp</a> .	306696-B21
Rapid Deployment Pack, Single-Server License <sup>6</sup>  <b>NOTE:</b> This license allows 1 server to be deployed and managed via RDP.	267196-B21
ProLiant Essentials Workload Management Pack, Single Server License <sup>7</sup>	303284-B21
ProLiant Essentials Virtual Machine Management Pack, Single-Server License <sup>8</sup>  <b>NOTE:</b> For use with a single server. Contains one license with a unique license activation key and documentation.	372214-B21
ProLiant Essentials Server Migration Pack, Single-Migration License <sup>9</sup>  <b>NOTE:</b> Contains one license, enabling 1 server migration, with a unique license activation key and documentation.	375345-B21
ProLiant Essentials Server Migration Pack - Physical to ProLiant Edition, Single-Migration License <sup>10</sup>  <b>NOTE:</b> This license allows 1 server to be migrated from a physical	412978-B21

Description	Option part#
<p>server to a virtual machine. Or this license can be used to migrate a virtual machine from one virtualization layer i.e. VMware GSX to a different virtualization layer such as VMware ESX or Microsoft Virtual Server 2005.</p>	
<p>ProLiant Essentials Vulnerability and Patch Management Pack, Single-Server License <sup>10</sup></p> <p><b>NOTE:</b> For use with a single server. Contains one license with a unique license activation key and documentation.</p>	<p>371645-B21</p>
<p>ProLiant Essentials Accelerated iSCSI Pack ProLiant Essentials Accelerated iSCSI Pack, Single Server License <sup>11</sup></p>	<p>407484-B21</p>
<p><b>Note 1:</b> For additional ProLiant Integrated Light-Out Advanced Pack License Kits please see the QuickSpecs at:  <a href="http://h18000.www1.hp.com/products/quickspecs/11052_na/11052_na.HTML">http://h18000.www1.hp.com/products/quickspecs/11052_na/11052_na.HTML</a>.</p> <p><b>Note 2:</b> For additional ProLiant Integrated Light-Out Select Pack License Kits please see the QuickSpecs at:  <a href="http://h18000.www1.hp.com/products/quickspecs/12362_na/12362_na.HTML">http://h18000.www1.hp.com/products/quickspecs/12362_na/12362_na.HTML</a>.</p> <p><b>Note 3:</b> For additional ProLiant Intelligent Networking Pack License Kits please see the QuickSpecs at:  <a href="http://h18000.www1.hp.com/products/quickspecs/12062_na/12062_na.HTML">http://h18000.www1.hp.com/products/quickspecs/12062_na/12062_na.HTML</a>.</p> <p><b>Note 4:</b> For additional ProLiant Intelligent Networking Pack - Linux License Kits please see the QuickSpecs at:  <a href="http://h18000.www1.hp.com/products/quickspecs/12327_na/12327_na.HTML">http://h18000.www1.hp.com/products/quickspecs/12327_na/12327_na.HTML</a>.</p> <p><b>Note 5:</b> For additional ProLiant Performance Management Pack License Kits please see the QuickSpecs at:  <a href="http://h18000.www1.hp.com/products/quickspecs/11925_na/11925_na.HTML">http://h18000.www1.hp.com/products/quickspecs/11925_na/11925_na.HTML</a>.</p> <p><b>Note 6:</b> For additional ProLiant Essentials Rapid Deployment Pack License Kits please see the QuickSpecs at:  <a href="http://h18000.www1.hp.com/products/quickspecs/11053_na/11053_na.HTML">http://h18000.www1.hp.com/products/quickspecs/11053_na/11053_na.HTML</a>.</p> <p><b>Note 7:</b> For additional ProLiant Workload Management Pack License Kits please see the QuickSpecs at:  <a href="http://h18000.www1.hp.com/products/quickspecs/11452_na/11452_na.HTML">http://h18000.www1.hp.com/products/quickspecs/11452_na/11452_na.HTML</a>.</p> <p><b>Note 8:</b> For additional ProLiant Essentials Virtualization Management Software License Kits please see the QuickSpecs at:  <a href="http://h18000.www1.hp.com/products/quickspecs/12328_na/12328_na.HTML">http://h18000.www1.hp.com/products/quickspecs/12328_na/12328_na.HTML</a>.</p> <p><b>Note 9:</b> For additional ProLiant Vulnerability and Patch Management Pack License Kits, please see the QuickSpecs at:  <a href="http://h18000.www1.hp.com/products/quickspecs/12111_na/12111_na.HTML">http://h18000.www1.hp.com/products/quickspecs/12111_na/12111_na.HTML</a>.</p>	

Description	Option part#
<p><b>Note 10:</b> For more information regarding ProLiant Essentials Software or flexible and volume quantity license kits that are available, please refer to <a href="http://www.hp.com/servers/proliantessentials">http://www.hp.com/servers/proliantessentials</a> or the various ProLiant Essentials Value Pack product QuickSpecs for more information.</p> <p><b>Note 11:</b> For additional Accelerated iSCSI Pack License Kits, please see the QuickSpecs at: <a href="http://h18000.www1.hp.com/products/quickspecs/12466_na/12466_na.HTML">http://h18000.www1.hp.com/products/quickspecs/12466_na/12466_na.HTML</a>.</p>	

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