



## HP Support document

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# HP 9000 rp5405 Series Server - Options and Accessories

**NOTE:** The HP 9000 rp5405 Series Server reached end of life on Feb 1, 2005. Please consider the rp7420-16 as a replacement product. Accessories will continue to be available until Feb. 1, 2006. [Click here to check parts availability](#) .

For a list of supported options and accessories for the HP 9000 rp5405 Series Server, select the following categories.

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### Core I/O

rp5405

10/100Base-T LAN / 4 port Ultra2 LVD SCSI PC board - Has one external RJ-45 LAN port and one 68-pin Ultra2 LVD Very High Density SCSI port and two internal 68-pin Ultra2 LVD SCSI ports and one 50-pin Ultra SCSI2 port	A5191
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### Processor Modules

HP PA-RISC processor - 650MHz PA-RISC 8700 with 1.5MB cache - Includes attached heat sink	A6798A
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### Memory

256MB ECC DIMM high-density memory upgrade kit - Includes two 128MB SDRAM DIMM modules	A5554A
512MB ECC DIMM high-density memory upgrade kit - Includes two 256MB SDRAM DIMM modules	A5797A
1024MB ECC DIMM high-density memory upgrade kit - Includes two 512MB SDRAM DIMM modules	A5798A

2048MB ECC high-density memory upgrade kit - Includes two 1024MB SDRAM DIMM modules	A6115A
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#### Internal disk drives

18GB Ultra160 Wide SCSI LVD 'Hot Plug' hard drive - 10000 RPM, low profile, 80-pin SCA connector	A6736A
36GB Ultra160 Wide SCSI LVD 'Hot Plug' hard drive - 10000 RPM, low profile, 80-pin SCA connector	A6737A
73GB Ultra160 Wide SCSI LVD hot-plug hard drive - 10,000 RPM, low profile, 80-pin SCA connector	A6738A
18GB Ultra160 Wide SCSI LVD 'Hot Plug' hard drive - 15000 RPM, low profile, 80-pin SCA connector	A6845A
36GB Ultra160 Wide SCSI LVD 'Hot Plug' hard drive - 15000 RPM, low profile, 80-pin SCA connector	A6846A

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#### Internal removable media (optional, max 1)

Narrow Single-Ended SCSI-2 slot load DVD-ROM drive - 6X DVD-ROM read, 32X CD-ROM read (Pioneer DVD-303/304) - Has headphone jack and volume control - May be used as replacement for a CD-ROM drive	A5220A
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#### PCI I/O cards

##### SCSI and FC adapters

Single port PCI fast/wide differential (FWD) SCSI-2 adapter - Has one external high density 68 pin connector and one internal high density 68 pin connector - Single port PCI FWD High Voltage Differential SCSI-2 adapter - has one external High Density 68 pin	A4800A
PCI Ultra2 Low Voltage Differential SCSI adapter - Has one external very high density 68 pin connector with thumbscrews and one internal high density 68 pin connector with latch/clips	A5149A
PCI Ultra2 Low Voltage Differential SCSI adapter - Has one external very high density 68 pin connector with thumbscrews and one internal high density 68 pin connector with latch/clips	A5149AR
Dual port PCI Ultra2 low voltage differential SCSI adapter - Has two external very high density 68 pin connectors and two internal high density 68 pin connector	A5150A
Dual port PCI Ultra2 low voltage differential SCSI adapter - Has two external very high density 68 pin connectors and two internal high density 68 pin connector	A5150AR
Single port Tachyon TL PCI 2x fiber channel adapter - Fiber channel adapter - Single port Tachyon TL PCI 2x fiber channel adapter	A5158A
Dual port PCI Fast Wide High Voltage Differential SCSI-3 adapter - Has two external very high density 68-pin connectors and two internal high density 68-pin connectors - For HP-UX operating system	A5159A
NetRAID-4si four channel Ultra2 SCSI disk array controller - PCI board with two internal 68 Pin high density and four external 68 pin very high density connectors	A5856A

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#### Local area network (LAN) adapters

10Base-T/100Base-TX PCI LAN adapter - Has AUJ, BNC, and RJ-45 connectors - LAN Adapter - 10/100Base-TX PCI LAN adapter with one port, but with three connectors AUJ, BNC, and RJ-45	A3738A
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LAN adapter - 1000Base-SX PCI Gigabit Ethernet LAN adapter - Supports all PCI bus configurations	A4926A
LAN adapter - 1000Base-T PCI Gigabit Ethernet LAN adapter - Supports all PCI bus configurations	A4929A
100Base-TX PCI LAN adapter with one RJ-45 port - LAN Adapter - 100Base-TX PCI LAN adapter with one RJ-45 port	A5230A
PCI 4 Port 100Base-TX LAN adapter (Max 5 on rp5430, 7 on rp5470)	A5506B
Dual port 10Base-T/100Base-TX LAN and dual port Ultra2 Low Voltage Differential/Single-Ended (LVD/SE) SCSI adapter - Has two RJ-45 LAN ports and two external 68-pin very high density connectors - Dual port 10/100Base-T LAN and Dual port Ultra2 LVD/SE SCSI	A5838A

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#### Wide area network (WAN) adapters

2 port X.25/frame relay adapter card	J3525A
4 port X.25/frame relay adapter card	J3526A
X.25 High Performance Software (Optional: Max 1)	J2793B
Frame Relay Software (Optional: Max 1)	J3529A
SNAnplus2 Link Server Software (Optional: Max 1)	J2720BA

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#### Serial multiplexer products

8 port serial multiplexer card (Max 4)	A6748A
64 port multiplexer card	A6749A
16 Port RS232 RJ45 module	J2484A
16 Port RS232 DB25 module	J2485A
16 Port RS442 RJ45 module	J2501A
RJ45 to HP-RJ45 converter for Multiplexer	J2488A
RJ45 to HP-DB25 converter for Multiplexer	J3830A

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#### Graphics

2D PCI graphic card set- consists of one graphics card (H) and one 2 port USB card (H) Graphics card (Requires graphics monitor eg. P9021Y, P9009A or P9009W and keyboard A4983B).	A6150B
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#### System Console

#### Optional, Secure Web Console is provided

Console (Thin Client, 15" color monitor, keyboard and data cable included)	AB300A
Reflection for HP – CD Media Note: Not required if system is managed remotely, by video monitor, or by KVM switch	AB227A

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#### Power Supplies

PowerTrust II-LR Uninterruptible Power Supply - 2.0KVA, 1400 watt, 120VAC - Includes 1 ext.	A1353A
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battery pack, RS-232 cable, and power cord

PowerTrust II-LR Uninterruptible Power Supply - 2.0KVA, 1400 watt, 230VAC - Includes 1 ext. A1354A  
battery pack, RS-232 cable, and power cord

PowerTrust II-LR Uninterruptible Power Supply - 3.0KVA, 2100 watt, 240VAC - Includes 1 ext. A1356A  
battery pack, RS-232 cable, and power cord

PowerTrust II-MR Uninterruptible Power Supply - 4.5KVA, 4000 watt, 240VAC - Includes one A6583A  
battery pack, RS232 DB9/DB9 standard cable, rack kit, and manuals

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**HP-UX Operating Environment (required)**

HP-UX Operating Environment Per-Processor License	B9088AC
HP-UX 11i Enterprise Operating Environment Per-Processor License	B9090AC
HP-UX 11i Mission-Critical Operating Environment Per-Processor License	B9092AC
HP-UX Technical Computing Operating Environment Per-Processor License	B6822AC

**HP-UX Operating Environment Type, Release Level, Media and Instant Ignition (optional)**

HP-UX Operating Environment (Basic environment - no additional products included)	B3920EA
HP-UX 11i Enterprise Operating Environment Per-Processor License	B7993AA
HP-UX 11i Mission-Critical Operating Environment Per-Processor License	B7994AA
HP-UX Technical Computing Operating Environment Per-Processor License	B6821AA

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