# HP ProLiant Smart Buy servers and options



The HP Smart Buy program offers mainstream business solutions at competitive prices with excellent availability and superior HP quality. It offers a wide range of industry-leading HP products at compelling prices, allowing you to receive richer configurations with additional options.

## HP ProLiant ML110 G4 Server

HP ProLiant ML110 G4 Serve	er – HP S-Buy ML110G4 C352 80 GB SATA US Server	
Part number:	432530-005	
Configuration descriptions		
Processor: Memory: Hard drive: Storage controller: Network card: Optical drive: Warranty: Notes:	<ul> <li>512 MB PC2-5300 DDR2 (1 x 512 MB)</li> <li>One (1) 80 GB SATA 7.2K 3.5-in hard drive</li> <li>Embedded SATA RAID</li> <li>Broadcom 5721 Gigabit NIC</li> <li>48X CD-ROM drive</li> <li>1-year next-business-day onsite</li> </ul>	
	er – HP S-Buy ML110G4 3040 80 GB SATA US Server	
Part number:	432531-005	
Configuration descriptions		
Processor: Memory: Hard drive: Storage controller: Network card: Optical drive: Warranty: Notes:	: 1 GB PC2-5300 DDR2 (1 x 1 GB) : One (1) 80 GB SATA 7.2K 3.5-in hard drive : Embedded SATA RAID : Broadcom 5721 Gigabit NIC : 48X CD-ROM drive : 1-year next-business-day onsite	
HP ProLiant ML110 G4 Serve	er – HP S-Buy ML110G4 3050 160G SATA US Server	
Part number:	432532-005	
Configuration descriptions		
Processor: Memory: Hard drive: Storage controller: Network card: Optical drive: Warranty: Notes:	: 1 GB PC2-5300 DDR2 (1 x 1 GB) : One (1) 160 GB SATA 7.2K 3.5-in hard drive : Embedded SATA RAID : Broadcom 5721 Gigabit NIC : 48X CD-ROM drive : 1-year next-business-day onsite	

# HP ProLiant ML110 G4 Server (continued)

Part number:	432533-005			
onfiguration descriptions				
Processor:	Dual-Core Intel Xeon 3040 (1.86 GHz, 1066 MHz FSB, 1 x 2 MB shared L2 cache)			
Memory:	GB PC2-5300 DDR2 (1 x 1 GB)			
Hard drive:	One (1) 160 GB SATA 3.5-in hard drive			
Storage controller:	Embedded SATA RAID			
Network card:	Broadcom 5721 Gigabit NIC			
Optical drive:	· · · · · · · · · · · · · · · · · · ·			
Operating system:	Microsoft® Windows® Small Business Server 2003 R2 Standard Edition with 5 CALs			
Warranty:	1-year next-business-day onsite			
Notes:	This ML110 G4 supports LFF SATA hard drives in non-RAID, RAID 0 or RAID 1 configurations and is not upgradeable t SAS hard drive support.			

Part number:	470064-372			
Configuration descriptions				
Processor:	Dual-Core Intel Pentium D processor 925 (3.0 GHz, 800 MHz, 2 x 2 MB L2 cache)			
Memory:	GB PC2-5300 DDR2 (1 x 1 GB)			
Hard drive:	One (1) 160 GB SATA 7.2K 3.5-in hard drive			
Storage controller:	Embedded SATA RAID			
Network card:	Broadcom 5721 Gigabit NIC			
	CD-RW/DVD-ROM combo drive			
Warranty:	1-year next-business-day, onsite warranty			
Notes:	This ML110 G4 supports LFF SATA hard drives in non-RAID, RAID 0 or RAID 1 configurations and is not upgradeable to SAS hard drive support.			

# HP ProLiant ML115 Server

Part number:	443656-005	
Configuration descriptions		
Processor:	AMD Athlon™ Processor 3500+ (2.2 GHz)	
Memory:	512 MB PC2-5300 DDR2 (1 x 512 MB)	
Hard drive:	One (1) 160 GB SATA 7.2K 3.5-in hard drive	
Storage controller:	Embedded SATA RAID (RAID 0/1/5)	
Network card:	Embedded NC320i PCle Gigabit	
Optical drive:	DVD-ROM drive	
Warranty:	1-year next-business-day, onsite warranty	
Notes:	This ML115 supports LFF SATA hard drives in non-RAID, RAID 0, RAID 1 or RAID 5 configurations and is upgradeable to SAS hard drive support. Upgrade to SAS requires the purchase of the Smart Array E200, 8 port HBA or 4 port HBA (SC44Ge	

Part number:	441051-005		
Configuration descriptions			
Processor:	AMD Opteron Processor 1210 (1.8 GHz)		
Memory:	1 GB PC2-5300 DDR2 (1 x 1 GB)		
Hard drive:	One (1) 160 GB SATA 7.2K 3.5-in hard drive		
Storage controller:	Embedded SATA RAID (RAID 0/1/5)		
Network card:	Embedded NC320i PCle Gigabit		
Optical drive:	•		
Warranty:	1-year next-business-day, onsite warranty		
Notes:	This ML115 supports LFF SATA hard drives in non-RAID, RAID 0, RAID 1 or RAID 5 configurations and is upgradeable to SAS hard drive support. Upgrade to SAS requires the purchase of the Smart Array E200, 8 port HBA or 4 port HBA (SC44Ge		

#### NEW! HP ProLiant ML115 Server - HP S-Buy ML115 1214 SATA SBS US Server

441052-005 Part number:

Configuration descriptions

AMD Opteron Processor 1214 (2.2 GHz) Processor: 1 GB PC2-5300 DDR2 (1 x 1 GB) Memory: One (1) 160 GB SATA 7.2K 3.5-in hard drive Hard drive: Storage controller: Embedded SATA RAID (RAID 0/1/5) Embedded NC320i PCle Gigabit Network card: Optical drive: CD-RW/DVD-ROM combo drive

Microsoft Windows Small Business Server 2003 R2 Standard Edition with 5 CALs Operating system:

Warranty: 1-year next-business-day, onsite warranty

Notes: This ML115 supports LFF SATA hard drives in non-RAID, RAID 0, RAID 1 or RAID 5 configurations and is upgradeable to SAS

hard drive support. Upgrade to SAS requires the purchase of the Smart Array E200, 8 port HBA or 4 port HBA (SC44Ge).

## HP ProLiant ML150 G3 Server

### HP ProLiant ML150 G3 Server - HP S-Buy ML150G3 5120 NHP SATA US Server

Part number: 430766-005

Configuration descriptions

Dual-Core Intel Xeon Processor 5120 (1.86 GHz, 1066 FSB) Memory: 1 GB PC2-5300 fully buffered DIMMs (DDR2-667) (2 x 512 MB) One (1) 160 GB SATA 7.2K 3.5-in hard drive Hard drive:

HP Embedded SATA RAID Controller Storage controller:

Embedded HP NC7781 Gigabit Server Adapter 10/100/1000 WOL Network card:

Optical drive: CD-RW/DVD-ROM combo drive option kit

Warranty: 1-year next-business-day onsite

Notes: This SKU supports LFF SATA hard drives only in non-RAID, RAID 0 or RAID 1 configurations. This SKU is not upgradeable

to SAS hard drive support.

## HP ProLiant ML150 G3 Server - HP S-Buy ML150G3 5120 SAS/SATA US Server

430767-005 Part number:

Configuration descriptions

Dual-Core Intel Xeon Processor 5120 (1.86 GHz, 1066 FSB) 1 GB PC2-5300 fully buffered DIMMs (DDR2-667) ( $2\times512$  MB) Processor: Memory: HP 8 Internal Port SAS Host Bus Adapter with RAID Storage controller: Embedded HP NC7781 Gigabit Server Adapter 10/100/1000 WOL Network card:

CD-RW/DVD-ROM combo drive option kit Optical drive:

Warranty: 1-year next-business-day onsite

### HP ProLiant ML150 G3 Server - HP S-Buy ML150G3 5130 SAS/SATA US Server

Part number: 430768-005

Configuration descriptions

Dual-Core Intel Xeon Processor 5130 (2.0 GHz, 1333 FSB) Processor: Memory: 1 GB PC2-5300 fully buffered DIMMs (DDR2-667) (2 x 512 MB) HP 8 Internal Port SÁS Host Bus Adapter with RAID Storage controller:

Network card: Embedded HP NC7781 Gigabit Server Adapter 10/100/1000 WOL Optical drive: CD-RW/DVD-ROM combo drive option kit

Warranty: 1-year next-business-day onsite

#### HP ProLiant ML150 G3 Server - HP S-Buy ML150G3 5120 OS NHP SATA US Server

430769-005 Part number:

Notes:

Configuration descriptions

Processor: Dual-Core Intel Processor 5120 (1.86 GHz, 1066 FSB) 1 GB PC2-5300 fully buffered DIMMs (DDR2-667) (2  $\times$  512 MB) One (1) 160 GB SATA 7.2K 3.5-in hard drives Memory:

Hard drive: Storage controller: HP Embedded SATA RAID Controller

Network card: Embedded HP NC7781 Gigabit Server Adapter 10/100/1000 WOL

CD-RW/DVD-ROM combo drive Optical drive:

Microsoft Windows Small Business Server 2003 R2 Standard Edition with 5 CALs Operating system:

1-year next-business-day, onsite Warranty:

This SKU supports LFF SATA hard drives only in non-RAID, RAID 0 or RAID 1 configurations. This SKU is not upgradeable

to SAS hard drive support.

NEW! HP ProLiant ML310 G	4 Server – HP S-Buy ML310G4 p925 SATA RPS US Server	
Part number:	470064-371	
Configuration descriptions		
Processor: Memory: Power supply: Storage controller: Network card: Optical drive: Server management: Warranty: Notes:	Dual-Core Intel® Pentium® D 925 (3.0 GHz, 95 Watts, 800 FSB, 2 x 2 MB L2 cache) 1 GB PC2-5300 DDR2 (1 x 1 GB) Redundant power supply Embedded SATA RAID NC320i PCI Express Gigabit CD-RW/DVD-ROM combo drive Integrated Lights-Out 2 (iIO 2) Standard 1-year next-business-day, onsite warranty The ML310 G4 supports large form factor (LFF) SAS or SATA hard drives. This SKU supports LFF SATA hard drives in non-RAID, RAID 0 or RAID 1 configurations standard and supports SAS hard drives when an optional SAS HBA or controller is installed.	
HP ProLiant ML310 G4 Serve	er – HP S-Buy ML310G4 p945 HP-SATA US Server	
Part number:	419807-005	
Configuration descriptions		
Processor: Memory: Hard drive: Storage controller: Network card: Optical drive: Server management: Warranty:	y: 1 GB PC2-5300 DDR2 (1 x 1 GB) e: None ship standard (Up to 4 hot plug LFF SAS or SATA drives supported) r: HP 8 Internal Port SAS Host Bus Adapter with RAID d: NC320i PCI Express Gigabit e: DVD-ROM drive Integrated Lights-Out 2 (iLO 2) Standard	
HP ProLiant ML310 G4 Serve	er – HP S-Buy ML310G4 3050 HP-SAS US Server	
Part number:	419808-005	
Configuration descriptions		
Processor: Memory: Hard drive: Storage controller: Network card: Optical drive: Server management: Warranty:	y: 1 GB PC2-5300 DDR2 (1 x 1 GB)  HP 8 Internal Port SAS Host Bus Adapter with RAID  HP 8 Internal Port SAS Host Bus Adapter with RAID  HC320i PCI Express Gigabit  DVD-ROM drive  Integrated Lights-Out 2 (iLO 2) Standard	
HP ProLiant ML310 G4 Serve	er – HP S-Buy ML310G4 3050 HP-SAS SBS US Server	
Part number:	419809-005	
Configuration descriptions		
Processor: Memory: Hard drive: Storage controller: Network card: Optical drive: Server management: Operating system: Warranty: Notes:	1 GB PC2-5300 DDR2 (1 x 1 GB) Cone (1) 160 GB SATA 3.5-in hard drive Embedded SATA RAID INC320i PCI Express Gigabit DVD-ROM drive Integrated Lights-Out 2 (iLO 2) Standard Microsoft Windows Small Business Server 2003 R2 Standard Edition with 5 CALs 1-year next-business-day, onsite	

	5 Server – HP S-Buy ML350 T05 5120 SAS LFF US Server			
Part number:	419520-005			
Configuration descriptions				
Processor:	Dual-Core Intel Xeon Processor 5120 (1.86 GHz, 1066 FSB)			
Memory:	1 GB PC2-5300 fully buffered DIMMs (DDR2-667) running at 533 MHz (2 x 512 MB)			
Storage controller:	Smart Array E200i Controller with 64 MB cache (RAID 0/1)			
Network card:	Embedded single NC373i multi-function gigabit NIC			
Optical drive:	CD-RW/DVD-ROM combo drive			
Drive cage:	HP SAS/SATA 6 Bay LFF Drive Cage			
Server management: Warranty:	Integrated Lights-Out 2 (iLO 2), Systems Insight Manager, SmartStart 3-year next-business-day onsite			
,	er – HP S-Buy ML350 T05 5130 RPS LFF US Server			
Part number:	419521-005			
Configuration descriptions	41/32/5003			
Processor:	Dual-Core Intel Xeon Processor 5130 (2.0 GHz, 1333 FSB)			
Memory:	1 GB PC2-5300 fully buffered DIMMs (DDR2-667) running at 533 MHz (2 x 512 MB)			
Power supply:				
Storage controller:	Redundant power supply Smart Array E200i Controller with 128 MB BBWC (RAID 0/1/5)			
Optical drive:	CD-RW/DVD-ROM combo drive option kit			
Drive cage:	HP SAS/SATA 6 Bay LFF Drive Cage			
Server management:	Integrated Lights-Out 2 (iLO 2), Systems Insight Manager, SmartStart			
Warranty:	3-year next-business-day onsite			
HP ProLiant ML350 G5 Serv	er – HP S-Buy ML350 T05 5130 RPS SFF US Server			
Part Number:	419522-005			
Configuration descriptions				
Processor:	Dual-Core Intel Xeon Processor 5130 (2.0 GHz, 1333 FSB)			
Memory:	1 GB PC2-5300 fully buffered DIMMs (DDR2-667) running at 533 MHz (2 $\times$ 512 MB)			
Power supply:	Redundant power supply			
Redundant fan:	Redundant fan standard			
Storage controller:	Smart Array E200i Controller with 128 MB and BBWC (RAID 0/1/5)			
Network card:	Embedded single NC373i multi-function gigabit NIC			
Optical drive:	CD-RW/DVD-ROM combo drive			
Drive cage:	HP SAS/SATA 8 Bay SFF Drive Cage			
Server management: Warranty:	Integrated Lights-Out 2 (iLO 2), Systems Insight Manager, SmartStart 3-year next-business-day onsite			
HP ProLiant ML350 G5 Serv	er – HP S-Buy ML350T05 5130 SBS R2 US Server			
Part number:	AH522A			
Configuration description				
Processor:	Dual-Core Intel Processor 5130 (2.0 GHz, 1333 FSB)			
Memory:	1 GB PC2-5300 fully buffered DIMMs (DDR2-667) running at 533 MHz (2 x 512 MB)			
Hard drive:	Two (2) 72 GB SAS 15K 3.5-in hard drive			
Storage controller:	Smart Array E200i Controller with 64 MB cache (RAID 0/1/1+0)			
Network card:	Embedded single NC373i multi-function gigabit NIC			
Optical drive:	CD-RW/DVD-ROM combo drive			
Drive cage:	HP SAS/SATA 6 Bay LFF Drive Cage			
Dire cage.				
Server management:	Integrated Lights-Out 2 (iLO 2), Systems Insight Manager, SmartStart			

Warranty: 3-year next-business-day, onsite
Notes: This ML350 G5 SKU supports large form factor (LFF) SATA or SAS hard drives in non-RAID, RAID 1 or

RAID 5 configurations.

#### HP ProLiant ML370 G5 Server - HP S-Buy ML370 T05 5140 US Server 415588-005 Part number: Configuration descriptions Dual-Core Intel Xeon Processor 5140 (2.33 GHz, 1333 FSB) Processor: 2 GB PC2-5300 fully buffered DIMMs (DDR2-667) running at 533 MHz (2 $\times$ 1 GB); 1 memory card Memory: Hard drive: Three (3) 72 GB SAS SFF 10K hard drives Redundant power supply Power supply: Redundant fan: Redundant fan standard Smart Array P400 Controller with 256 MB BBWC (RAID 0/1/5/6) Storage controller: Network card: Embedded dual NC373i multi-function gigabit NICs Optical drive: DVD-ROM drive Integrated Lights-Out 2 (iLO 2), Systems Insight Manager, SmartStart Server management: Warranty: 3-year next-business-day onsite Installed software: VMware ESX Starter, 2P License with 1-year SnS HP ProLiant ML370 G5 Server - HP S-Buy ML370T05 5120 VMW Server US Part number: 437882-001 Configuration descriptions Two (2) Dual-Core Intel Processors 5120 (1.86 GHz, 1066 FSB) Processor: 4 GB PC2-5300 fully buffered DIMMs (DDR2-667) (4 $\times$ 1 GB) Memory: Hard drive: Three (3) 72 GB 3G SAS SFF 10K hard drives Redundant power supply: Redundant power supply Redundant fans: Redundant fan standard Smart Array P400 Controller with 256 MB BBWC (RAID 0/1/5/6) Storage controller: Embedded dual NC373i multi-function gigabit NICs Network card: DVD-ROM drive Optical drive: Server management: Integrated Lights-Out 2 (iLO 2), Systems Insight Manager, SmartStart Warranty: 3-year next-business-day onsite Installed software: VMware ESX Starter, 2P License with 1-year SnS HP ProLiant ML370 G5 Server - ProLiant ML370G5 Quad Core E5335 Rack Smart Buy 470064-370 Configuration descriptions Two (2) Quad-Core Intel Xeon E5335 (2.00 GHz, 80 W, 1333 FSB) Processor: 4 GB PC2-5300 FBD (DDR2-667) (4 x 1 GB) None ship standard (up to 8 SFF SAS hard drives supported, up to 16 hard drives supported with optional drive cage) Hard drive: Power supply: Redundant power supply Redundant fan: Redundant fan standard Smart Array P400 Controller with 256 MB cache (RAID 0/1/1+0/5) Storage controller: Network card: Embedded dual NC373i multi-function gigabit NICs CD-RW/DVD-ROM combo drive Optical drive: Server management: Integrated Lights-Out 2 (iLO 2), Systems Insight Manager, SmartStart Warranty: 3-year next-business-day onsite

Installed software: VMware ESX Starter, 2P License with 1-year SnS

# HP ProLiant DL320 G5 Server - HP S-Buy DL320G5 x3040 US Server Part number: AH523A Configuration descriptions Processor: Dual-Core Intel Xeon Processor 3040 (1.86 GHz, 2 MB cache, 1066 MHz FSB) Memory: 1 GB PC2-5300 unbuffered DIMMs (1 x 1 GB) Hard drive: One (1) 160 GB SATA 3.5-in hard drive Storage controller: 2-port SATA controller with RAID 0/1 support

Optical drive: CD-ROM drive
Network card: Integrated NC324i PCI Express Dual-Port Gigabit

Server management: Integrated Lights-Out 2 (iLO 2), Systems Insight Manager, SmartStart

Warranty: 3-year parts, 1-year labor, 1-year onsite support

## HP ProLiant DL320 G5 Server - HP S-Buy DL320G5 x3050 US Server

Part number:	AH646A			
Configuration descriptions				
Processor:	Dual-Core Intel Xeon Processor 3050 (2.13 GHz, 2 MB cache, 1066 MHz FSB)			
Memory:	GB PC2-5300 unbuffered DIMMs (2 x 1 GB)			
Hard drive:	wo (2) 160 GB SATA 3.5-in hard drive			
Storage controller:	2-port SATA controller with RAID 0/1 support			
Optical drive:	DVD-ROM drive			
Network card:	Integrated NC324i PCI Express Dual Port Gigabit			
Server management:	Integrated Lights-Out 2 (iLO 2), Systems Insight Manager, SmartStart			
Warranty:	-year parts, 1-year labor, 1-year onsite support			

Warranty:

3-year next-business-day onsite

#### HP ProLiant DL360 G5 Server - S-Buy DL360G5 X5120 SAS RPS US Server 430106-005 Part number: Configuration descriptions Dual-Core Intel Xeon Processor 5120 (1.86 GHz, 1066 FSB) Processor: 2 GB PC2-5300 fully buffered DIMMs (DDR2-667) (2 x 1 GB) Memory: Hard drive: None ship standard (Up to 4 SFF hot plug drives supported) Redundant power supply Power supply: Redundant fan standard Redundant fan: Smart Array E200i Controller with 128 MB BBWC (RAID 0/1/5) Storage controller: Embedded dual NC373i multi-function gigabit NICs Network card: Slimline CD-RW/DVD-ROM combo Optical drive: Integrated Lights-Out 2 (iLO 2), Systems Insight Manager, SmartStart Server management: Warranty: 3-year next-business-day onsite HP ProLiant DL360 G5 Server - S-Buy DL360G5 X5140 SAS RPS US Server Part number: 430105-005 Configuration descriptions Processor: Dual-Core Intel Xeon Processor 5140 (2.33 GHz, 1333 FSB) Memory: 2 GB PC2-5300 fully buffered DIMMs (DDR2-667) (2 x 1 GB) None ship standard; (4) drive bays active. (6) bays supported with optional storage cable (PN 399546-B21) Hard drive: Power supply: Redundant power supply Redundant fan: Redundant fan standard Storage controller: Smart Array P400i Controller with 256 MB BBWC cache (RAID 0/1/5) Network card: Embedded dual NC373i multi-function gigabit NICs Slimline CD-RW/DVD-ROM combo Optical drive: Integrated Lights-Out 2 (iLO 2), Systems Insight Manager, SmartStart Server management: Warranty: 3-year next-business-day onsite HP ProLiant DL360 G5 Server - HP S-Buy DL360G5 E5335 2P US Server 470064-382 Part number: Configuration descriptions Processor: (2) Quad-Core Intel Xeon Processor E5335 (2.00 GHz, 1333 FSB) 2 GB PC2-5300 FBD (DDR2-667) (2 x 1 GB) Memory: None ship standard; (4) drive bays active. (6) bays supported with optional storage cable (PN 399546-B21) Hard drive: Power supply: Redundant power supply N+1 fan redundancy standard Redundant fan: Storage controller: Smart Array P400i Controller with 256 MB cache (RAID 0/1/1+0/5) Embedded dual NC373i multi-function gigabit NICs Network card: Slimline CD-RW/DVD-ROM combo Optical drive: Integrated Lights-Out 2 (iLO 2), Systems Insight Manager, SmartStart Server management:

HP ProLiant DL365 Server –	IP ProLiant DL365 Server – HP S-Buy DL365 G1 HE 2214 SAS RPS US Server		
Part number:	r: 434122-005		
Configuration descriptions			
Processor:	AMD® Opteron™ 2214HE (2.2 GHz, 68 W)		
Memory:	2 GB PC2-5300 DDR2 (2 x 1 GB)		
Hard drive:	None ship standard; (4) drive bays active; (6) bays supported with optional storage cable (PN 399546-B21)		
Storage controller:	Smart Array P400i Controller with 256 MB cache (RAID 0/1/5)		
Optical drive:	Slimline DVD-ROM/CD-RW drive (8X/24X) (ejectable)		
Network card:	Two (2) embedded NC371i multi-function gigabit network adapters with TCP/IP off-load engine		
Power supply:	Redundant power supply		
Redundant fans:	Redundant fan standard		
Server management:	Integrated Lights-Out 2 (iLO 2) Standard, Systems Insight Manager, SmartStart		
Warranty:	3-year next-business-day, onsite		

Warranty:

3-year next-business-day onsite

#### HP ProLiant DL380 G5 Server - S-Buy DL380G5 X5120 HP SAS BBWC US Server 430027-005 Part number: Configuration descriptions Dual-Core Intel Xeon Processor 5120 (1.86 GHz, 1066 FSB) Processor: 2 GB PC2-5300 fully buffered DIMMs (DDR2-667) (2 x 1 GB) Memory: Hard drive: None ship standard (Up to 8 SFF hot plug drives supported) Redundant power supply Power supply: Redundant fan standard Redundant fan: Smart Array P400 Controller with 512 MB BBWC cache (RAID 0/1/5/6) Storage controller: Embedded dual NC373i multi-function gigabit NICs Network card: Slimline CD-RW/DVD-ROM combo Optical drive: Server management: Integrated Lights-Out 2 (iLO 2), Systems Insight Manager, SmartStart Warranty: 3-year next-business-day onsite HP ProLiant DL380 G5 Server - S-Buy DL380G5 X5140 HPSAS BBWC US Server Part number: 430028-005 Configuration descriptions Processor: Dual-Core Intel Xeon Processor 5140 (2.33 GHz, 1333 FSB) Memory: 2 GB PC2-5300 fully buffered DIMMs (DDR2-667) (2 x 1 GB) None ship standard (up to 8 SFF hot plug drives supported) Hard drive: Power supply: Redundant power supply Redundant fan: Redundant fan standard Storage controller: Smart Array P400 Controller with 512 MB BBWC cache (RAID 0/1/5/6) Network card: Embedded dual NC373i multi-function gigabit NICs Slimline CD-RW/DVD-ROM combo Optical drive: Integrated Lights-Out 2 (iLO 2), Systems Insight Manager, SmartStart Server management: Warranty: 3-year next-business-day onsite HP ProLiant DL380 G5 Server - HP S-Buy DL380G5 X5140 2P US Server 470064-381 Part number: Configuration descriptions Processor: Two (2) Dual-Core Intel Xeon Processor 5140 (2.33 GHz, 1333 FSB) 4 GB PC2-5300 FBD (DDR2-667) (4 x 1 GB) Memory: Hard drive: None ship standard (Up to 8 SFF hot plug drives supported) Power supply: Redundant power supply Redundant fan: Redundant fan standard Storage controller: Smart Array P400 Controller with 256 MB cache (RAID 0/1/1+0/5) Embedded dual NC373i multi-function gigabit NICs Network card: Slimline CD-RW/DVD-ROM combo Optical drive: Integrated Lights-Out 2 (iLO 2), Systems Insight Manager, SmartStart Server management:

HP ProLiant DL385 G2 Serve	er – HP S-Buy DL385G2 2214 HE US Server		
Part number:	AH525A		
Configuration descriptions			
Processor: AMD® Opteron™ 2214HE (2.2 GHz, 68 W)  Memory: 2 GB PC2-5300 DDR2 (2 x 1 GB)  Hard drive: Storage controller: Smart Array P400 Controller with 256 MB cache (RAID 0/1/5)  Optical drive: Slimline DVD-ROM/CD-RW drive (8X/24X) (ejectable)  Network card: Two (2) embedded NC371 i multi-function gigabit network adapters with TCP/IP off-load engine  Redundant fan: Redundant fan: Server management: Integrated Lights-Out 2 (iLO 2) Standard, Systems Insight Manager, SmartStart			
Warranty:	3-year next-business-day, onsite		
HP ProLiant DL385 G2 Serve	er – HP S-Buy DL385G2 2218 2P US Server		
Part number:	470064-380		
Configuration descriptions			
Processor: Memory: Hard drive: Storage controller: Optical drive:	r: 4 GB PC2-5300 DDR2-667 (4 x 1 GB) r: None ship standard (Up to 8 SFF hot plug drives supported) r: Smart Array P400 Controller with 256 MB cache (RAID 0/1/1+0/5)		
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Network card: Two (2) embedded NC371i multi-function gigabit network adapters with TCP/IP offload engine

Server management: Integrated Lights-Out 2 (iLO 2) Standard, Systems Insight Manager, SmartStart

Power supply: Redundant power supplies Redundant fans: Redundant fans standard

Warranty: 3-year next-business-day onsite

## HP ProLiant DL580 G4 Server

Part number:	AH524A			
Configuration descriptions				
Processor:	Two (2) Dual-Core Intel® Xeon® Processor 7130M (3.2 GHz, 8 MB L3, 800 MHz FSB)			
Memory:	4 GB PC2-3200; two (2) memory cartridges (4 x 1 GB single rank)			
Hard drive:	None ship standard (Up to 8 SFF hot plug drives supported)			
Storage controller:	Smart Array P400 Controller with 256 MB cache (RAID 0/1/5)			
Optical drive:	Slimline DVD-ROM/CD-RW drive (8X/24X) (ejectable)			
Network card:	Two (2) embedded NC371 i multi-function gigabit network adapters with TCP/IP off-load engine			
Power supply:	Redundant power supplies			
Redundant fan:				
Server management:	Integrated Lights-Out 2 (iLO 2) Standard, Systems Insight Manager, SmartStart			
Warranty:				

## HP ProLiant Smart Buy server options

	Part number/SKU	Description
<b>Memory -</b> Compatible with ML110 G4, ML310 G4, DL320 G5 servers	432803-S21 432804-S21	HP S-Buy 512MB UB PC2-5300 1x512 Kit (can be substituted for 432803-B21) HP S-Buy 1GB UB PC2-5300 1x1GB Kit (can be substituted for 432804-B21)
Memory - Compatible with ML150 G3, ML350 G5, ML370 G5, DL140 G3, DL360 G5, DL380 G5, BL460c, BL480c servers	397409-\$21 397411-\$21	HP S-Buy 1GB FBD PC2-5300 2x512 Kit (can be substituted for 397409-B21) HP S-Buy 2GB FBD PC2-5300 2x1GB Kit (can be substituted for 397411-B21)
Memory - Compatible with DL365, DL385 G2, DL585 G2, BL465c, BL685c servers	408851-S21 408853-S21	HP S-Buy 2GB Reg PC2-5300 2x1GB Kit (can be substituted for 408851-B21) HP S-Buy 4GB Reg PC2-5300 2x2GB Kit (can be substituted for 408853-B21)
Care Packs	UE895E UE896E UE897E UE898E UE899E UE900E UE901E UE902E UE903E UE904E UE889E UE890E UE890E UE891E UE892E UE893E UE894E	HP S-Buy 3y 4h13x5 ProLiant ML11x HW Support HP S-Buy 3y 4h24x7 ProLiant ML11x HW Support HP S-Buy 3y 4h13x5 ProLiant ML150 HW Support HP S-Buy 3y 4h24x7 ProLiant ML150 HW Support HP S-Buy 3y 4h24x7 ProLiant ML310 HW Support HP S-Buy 3y 4h13x5 ProLiant ML310 HW Support HP S-Buy 3y 4h13x5 ProLiant ML350 HW Support HP S-Buy 3y 4h24x7 ProLiant ML350 HW Support HP S-Buy 3y 4h24x7 ProLiant ML370 HW Support HP S-Buy 3y 4h24x7 ProLiant ML370 HW Support HP S-Buy 3y 4h13x5 ProLiant ML370 HW Support HP S-Buy 3y 4h13x5 ProLiant DL320 HW Support HP S-Buy 3y 4h24x7 ProLiant DL320 HW Support HP S-Buy 3y 4h24x7 ProLiant DL36x HW Support HP S-Buy 3y 4h24x7 ProLiant DL36x HW Support HP S-Buy 3y 4h13x5 ProLiant DL36x HW Support HP S-Buy 3y 4h13x5 ProLiant DL36x HW Support HP S-Buy 3y 4h13x5 ProLiant DL38x HW Support

Dual Core is a new technology designed to improve performance of multi-threaded software products and hardware-aware multi-tasking operating systems and may require appropriate operating system software for full benefit. Not all customers or software applications will necessarily benefit from use of this technology.

Intel's numbering is not a measurement of higher performance.

AMD's model numbering is not a measure of clock speed.

Actual speeds may vary for combo CD-RW, CD-RW drives.

## DVD Rom Drives (DVD + or ±RW DL):

Actual speeds may vary. Does not permit copying of commercially available DVD movies or other copyright protected materials. Intended for creation and storage of your original material and other lawful uses. Double Layer discs can store more data than single layer discs. Double-layer discs burned with this drive may not be compatible with many existing single-layer DVD drives and players.

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