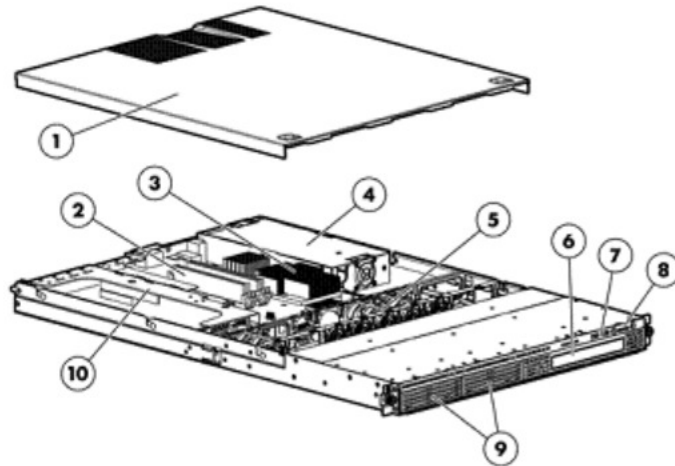


QuickSpecs

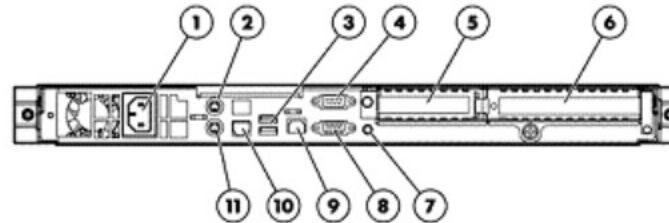
HP ProLiant DL120 Generation 5 (G5)

Overview



Front View:

1. Cover
2. Four PC2-6400 UB ECC DDR2 Memory Slots
3. Processor Socket (Intel® Xeon®, Core™ 2, Pentium® or Celeron®)
4. Power Supply (350 Watt)
5. 3 Non Hot Plug Dual Rotor Fans
6. Optional 12.7mm DVD-ROM, or DVD-RW Drive
7. Two upfront USB connectors
8. Power Button, UID Button, and Front LED Indicators
9. Support for up to two Non-Hot Plug SATA or SAS Hard Drives
10. Two PCI express Slots (2 PCI-Express x8 connectors standard, one x8, one x4 Lanes)



Rear View:

1. Power supply cable socket
2. Mouse connector
3. USB connectors (2)
4. Serial connector
5. Expansion slot 2, PCI-e x4, low-profile, half-length
6. Expansion slot 1, PCI-e x8, Full high, Full-length (PCI-X optional)
7. UID button/LED
8. Video connector
9. DL120 G5 HP Lights Out 100c management NIC port (optional)
10. NIC Port
11. Keyboard connector

What's New

- Support for SATA Non-Hot Plug Midline Hard Drives

At a Glance

The HP ProLiant DL120 G5 Server is an entry-level rack-optimized server providing you with all confidence of a HP ProLiant server.

The single processor, 1U server is ideal for single-application IT infrastructure, web and edge-of-network applications. The HP

ProLiant DL120 G5 server is available with optional features including: PCI Express x8, low-profile, half-length; PCI Express x8, Full high, Full-length (PCI-X optional);

QuickSpecs

HP ProLiant DL120 Generation 5 (G5)

Overview

- Dual-Core Intel® Xeon® 3100 processor sequence
 - Dual-Core Intel® Xeon® 3000 processor sequence
 - Dual-Core Intel® Pentium® E2160 processor
 - Single-Core Intel® Celeron® 440 processor
 - Intel® 3200 Chipset with up to 1333MHz Front Side Bus (FSB)
- **Memory:**
 - Supports up to 8 GB of PC2-6400 (800 MHz) Unbuffered DDR2 ECC SDRAM Memory
 - 4 DIMM sockets
- **Storage Controller:**
 - Embedded SATA Controller with RAID 0/1 support
 - NOTE: Transfer Rate: 3.0 Gb/s SATA
- **Internal Drive Support:**
 - Two 3.5" (Large Form Factor) SATA or SAS hard drives
 - SAS drives require optional SAS Host Bus Adapter (HBA) or Smart Array Controller
 - Internal storage capacity of up to 4.0TB (2 x 2TB SATA hard drives)
 - Optional DVD-ROM or DVD-RW optical drive
- **Network Controller:**
 - Embedded NC105i Gigabit Server Adapter
- **Expansion Slots:**
 - Two total slots:
 - (1) Full length PCI Express x8 slot (x8 connector)
 - Can be replaced with a full-length 64-bit /133MHz PCI-X slot
 - (1) Half-length, low-profile PCI Express x4 slot (x8 connector)
- **USB 2.0 Ports:**
 - Up to 5 Total: (2) front; (1) internal; (2) rear accessible ports
 - Internal USB port (optional) for flexible storage, security, or USB drive key deployment
- **Management:**
 - Standard Lights Out 100 IPMI 2.0 reporting
 - DL120G5 HP Lights Out 100c Remote Management Card (Optional)
 - Front Panel status LEDs including system health and UID
- **Form Factor:**
 - 1U (1.69" / 4.30 cm) Rack Mount Chassis
 - 27.5" (69.85 cm) Deep
 - New fixed mounting rails included with all models
- **Warranty:**
 - This product is covered by a global limited warranty and supported by HP Services and a worldwide network of HP Authorized Channel Partners resellers. Hardware diagnostic support and repair is available for three years from date of purchase. Support for software and initial setup is available for 90 days from date of purchase. Enhancements to warranty services are available through HP Care Pack services or customized service agreements. Hard drives have either a one year or three year warranty; refer to the specific hard drive QuickSpecs for details.
 - NOTE: Server Warranty includes 1-Year Parts, 1-Year Labor, 1-Year Onsite support with next business day response. Warranty repairs may be accomplished through the use of Customer Self Repair (CSR) parts. These parts fall into two

Standard Features

NOTE: For the Standard Features shipped in the "Factory Integrated Models", please see the "Configuration Information - Factory Integrated Models" section.

Processor	Single-Core Processors Single-Core Intel® Celeron® processor 440 (2.00GHz, 512KB L2 cache, 800MHz FSB) NOTE: Available via Configure-to-order only. See Factory Integrated Models section for more details.
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Cache Memory One of the following depending on Model	12 MB L2 Cache NOTE: For Models with Intel® Xeon® processor X3360. 8 MB L2 Cache NOTE: For Models with Intel® Xeon® processor X3330, X3320, E3120, and E3110. 6 MB L2 Cache NOTE: For Models with Intel® Xeon® processor E3110. 1 MB L2 Cache NOTE: For Models with the Intel® Pentium processor E2160. 512 KB L2 Cache NOTE: For Models with the Intel® Celeron processor 440.
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Chipset	Intel® 3200 Chipset
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Memory Protection	ECC
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Memory One of the following depending on Model	Type	PC2-6400 (800MHz) Unbuffered ECC DDR2 SDRAM Interleaving optional (Enabled when DIMMs populated in pairs)
	DIMM Sockets	4
	Standard - Pentium E2160 Models	1 GB (1 x 1 GB)
	Maximum Memory	8 GB

Network Controller	Embedded NC105i Gigabit Server Adapter
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QuickSpecs

HP ProLiant DL120 Generation 5 (G5)

Standard Features

Expansion Slots	Technology	Bus Width***	Connector Width	Bus Number*	Device No.**	Form Factor	Notes
1 (Standard)	PCIe	X8	x8	0	1	Full length, full height slot	This PCIe slot can be replaced with optional PCI-X slot below
2 (Standard)	PCIe	X4	x8	0	28	Low profile slot	
1 (Optional)	PCI-X (133MHz, 3.3Volt)	64-bit	N/A	0	1	Full length, full height slot	
<p>* Default bus assignment (in decimal). Inserting cards with PCI bridges may alter the actual bus assignment number.</p> <p>** Slots are enumerated differently based on OS. MS OS's enumerate from lowest to highest Device ID by bus (starting with the lowest bus)</p> <p>*** Indicates the number of physical electrical lanes running to a PCI-e connector.</p>							
<hr/>							
Storage Controllers		<p>Integrated Intel® 82801IR Serial ATA Host Controller with RAID 0/1 support.</p> <p>NOTE: The non-hot-plug drive option kits include a SATA cable along with the drive itself. This cable allows the drives to be connected to the embedded SATA controller. The cables are point to point.</p> <p>SAS and SATA controllers available via PCI card option</p> <p>NOTE: If a HBA or SAS controller is ordered for SATA RAID or SAS support, the 4 Lane SAS/SATA Host Fan Out Cable Kit (P/N 457692-B21) must also be ordered to connect the drives.</p>					
<hr/>							
Storage		<p>Optical Drive Optional 12.7mm DVD-ROM, or DVD-RW Drive</p> <p>Hard Drives Non-Hot Plug SATA /SAS Up to 2 non-hot plug SATA/SAS 3.5" drives</p> <p>NOTE: SAS requires optional HBA or SA card.</p>					
<hr/>							
Maximum Internal Storage Type		<p>Non-Hot Plug SATA 4.0TB 2 x 2TB SATA</p> <p>Non-Hot Plug SAS 900GB 2 x 450GB SAS</p>					