

Hewlett-Packard

HP ProLiant ML110 G5 - Micro tower - 1-way - 1 x Dual-Core Xeon 3065 / 2.33 GHz - RAM 1 GB - HDD 1 x 250 GB - DVD RW (+R double layer) - Gigabit Ethernet - Monitor : none - 4U



HP ProLiant ML110G5 Intel Xeon 3065 1x1GB 1x125GB NHP-SATA DVD-RW Tower Server

Product Description	HP ProLiant ML110 G5 - Dual-Core Xeon 3065 2.33 GHz
Type	Server
Form Factor	Micro tower - 4U
Dimensions (WxDxH)	17.5 cm x 42.6 cm x 36.7 cm
Weight	10.8 kg
Server Scalability	1-way
Processor	1 x Intel Dual-Core Xeon 3065 / 2.33 GHz (Dual-Core)
Cache Memory	4 MB L2 Cache
Cache Per Processor	4 MB
RAM	1 GB (installed) / 8 GB (max) - DDR II SDRAM - ECC - 800 MHz - PC2-6400
Storage Controller	Serial ATA
Hard Drive	1 x 250 GB - standard - Serial ATA-150
Optical Storage	DVDRW (+R double layer)
Monitor	None.
Graphics Controller	- 8 MB
Networking	Network adapter - PCI Express - Ethernet, Fast Ethernet, Gigabit Ethernet
Power	AC 120/230 V (50/60 Hz)
Manufacturer Warranty	3 years warranty (on-site)

Extended Specs

General

Type	Server
Recommended Use	Small business, corporate business
Product Form Factor	Micro tower - 4U
Server Scalability	1-way
Internal Bays Qty	4
Front Accessible Bays Qty	2
Width	17.5 cm
Depth	42.6 cm
Height	36.7 cm
Weight	10.8 kg

Processor

Type	Intel Dual-Core Xeon 3065 / 2.33 GHz
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Multi-Core Technology	Dual-Core
64-bit Computing	Yes
Installed Qty	1
Max Supported Qty	1

Cache Memory

Type	L2 Cache
Installed Size	4 MB
Cache Per Processor	4 MB

Mainboard

Chipset Type	Intel 3200
Data Bus Speed	1333 MHz

RAM

Installed Size	1 GB / 8 GB (max)
Technology	DDR II SDRAM - ECC
Memory Speed	800 MHz
Memory Specification Compliance	PC2-6400
Form Factor	DIMM 240-pin
Features	Unbuffered
Configuration Features	1 x 1 GB

Storage Controller

Type	1 x Serial ATA - integrated
Channel Qty	6
RAID Level	RAID 0, RAID 1, RAID 10

Storage

Hard Drive	1 x 250 GB - standard - Serial ATA-150 - 7200 rpm
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Optical Storage

Type	DVD RW (+R double layer) - Serial ATA
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Monitor

Monitor Type	None.
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Graphics Controller

Type	Integrated
Installed Size	8 MB

Networking

Networking	Network adapter - PCI Express - integrated
Ethernet Controller(s)	HP NC105i
Data Link Protocol	Ethernet, Fast Ethernet, Gigabit Ethernet
Remote Management Controller	Integrated Lights Out 100 Remote Management Processor
Features	Wake on LAN (WoL)

Expansion / Connectivity

Expansion Bays Total (Free)	2 (1) x front accessible - 5.25" x 1/2H 4 (3) x internal - 3.5" x 1/3H
Expansion Slots Total (Free)	1 (1) x PCI Express x8 - full-length, full-height 2 (2) x PCI Express x8 - full-height (x1 mode) 1 (1) x PCI - full-height 4 (3) x memory - DIMM 240-pin 1 (0) x processor - LGA775 Socket
Interfaces	1 x display / video - VGA - 15 pin HD D-Sub (HD-15) 1 x keyboard - generic - 6 pin mini-DIN (PS/2 style) 1 x mouse - generic - 6 pin mini-DIN (PS/2 style) 2 x serial - RS-232 - 9 pin D-Sub (DB-9) 8 x USB - 4 PIN USB Type A (2 front, 4 rear, 2 internal) 1 x network - Ethernet 10Base-T/100Base-TX/1000Base-T - RJ-45

Miscellaneous

Features	System password, power-on password
Compliant Standards	ACPI 2.0

Power

Device Type	Power supply
Voltage Required	AC 120/230 V (50/60 Hz)
Power Provided	365 Watt

Operating System / Software

OS Certified	Novell NetWare 6.5, Microsoft Windows Server 2003 R2 Enterprise Edition, Microsoft Windows Server 2003 R2 Standard Edition, Microsoft Windows Server 2003 R2 Enterprise x64 Edition, Microsoft Windows Server 2003 R2 Standard x64 Edition, Microsoft Windows Server 2003 R2 Web Edition
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Manufacturer Warranty

Service & Support	3 years warranty
Service & Support Details	Limited warranty - parts and labour - 3 years - on-site - response time: next business day

Environmental Parameters

Min Operating Temperature	10 C
Max Operating Temperature	35 C
Humidity Range Operating	10 - 90%

System & Power Cables

AF612A	HP PS2 Server Console Cable - Keyboard / video / mouse (KVM) cable - 6 pin PS/2, HD-15 (M) - 1.8 m (pack of 2)
AF613A	HP USB Server Console Cable - Video / USB cable - 1.8 m (pack of 2)

System Accessories

253449-B21	HP - Rack shelf - graphite - 1U
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System Service & Support

U4435E	Electronic HP Care Pack 4-hour 24x7 Same Day Hardware Support - Extended service agreement - parts and labour - 3 years - on-site - 24 hours a day / 7 days a week - 4 h
U8111E	Electronic HP Care Pack 4-hour 24x7 Same Day Hardware Support - Extended service agreement - parts and labour - 4 years - on-site - 24 hours a day / 7 days a week - 4 h
U8077E	Electronic HP Care Pack 4-hour 24x7 Same Day Hardware Support - Extended service agreement - parts and labour - 5 years - on-site - 24 hours a day / 7 days a week - 4 h
	Electronic HP Care Pack 4-hour Same Business Day Hardware Support - Extended service agreement -

U4434E	parts and labour - 3 years - on-site - 13x5 - 4 h
U8094E	Electronic HP Care Pack 4-hour Same Business Day Hardware Support - Extended service agreement - parts and labour - 4 years - on-site - 13x5 - 4 h
U8060E	Electronic HP Care Pack 4-hour Same Business Day Hardware Support - Extended service agreement - parts and labour - 5 years - on-site - 13x5 - 4 h
U4995E	Electronic HP Care Pack 6-Hour Call-To-Repair Hardware Support - Extended service agreement - parts and labour - 3 years - on-site - 13x5 - 6 h
U4436E	Electronic HP Care Pack 6-Hour Call-To-Repair Hardware Support - Extended service agreement - parts and labour - 3 years - on-site - 24 hours a day / 7 days a week - 6 h
U4444E	Electronic HP Care Pack Installation Service - Installation / configuration
U4433E	Electronic HP Care Pack Next Business Day Hardware Support - Extended service agreement - parts and labour - 3 years - on-site - 9 hours a day / 5 days a week - NBD
UA006E	Electronic HP Care Pack Next Business Day Hardware Support - Extended service agreement - parts and labour - 4 years - on-site - NBD
UA005E	Electronic HP Care Pack Next Business Day Hardware Support - Extended service agreement - parts and labour - 5 years - on-site - NBD

RAM

450259-B21	HP - Memory - 1 GB - DDR II - 800 MHz / PC2-6400 - unbuffered - ECC
450260-B21	HP - Memory - 2 GB - DDR II / PC2-6400 - unbuffered
450258-B21	HP - Memory - 512 MB - DDR II / PC2-6400 - unbuffered

Flash Memory

442085-B21	HP Floppy Drive Key - USB flash drive - 1 GB - Hi-Speed USB
442084-B21	HP Floppy Drive Key - USB flash drive - 256 MB - Hi-Speed USB

Disk Drives

447328-B21	HP - Disk drive - DVD RW - Serial ATA - internal - 5.25"
447326-B21	HP - Disk drive - DVD-ROM - 16x - Serial ATA - internal - 5.25"
DC361B	HP - Disk drive - Floppy Disk (1.44 MB) - USB - external

Storage Adapters

412911-B21	HP SC11Xe Host Bus Adapter - Storage controller - 1 Channel - Ultra320 SCSI - 320 MBps - PCI Express x4
416096-B21	HP SC44Ge Host Bus Adapter - Storage controller - 8 Channel - SATA-300 / SAS - 300 MBps - RAID 0, 1 - PCI Express x8
411508-B21	HP Smart Array E200/128 BBWC Controller - Storage controller (RAID) - SATA-150 / SAS - 300 MBps - RAID 0, 5, 10 - PCI Express x4

Storage Cables

457692-B21	HP - Serial ATA / SAS cable
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Storage Service & Support

UH164PE	Electronic HP Care Pack Support Plus 24 Post Warranty - Extended service agreement - parts and labour - 1 year - on-site - 24 hours a day / 7 days a week - 4 h
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Network Adapters

445513-B21	HP Lights-Out 100c Remote Management Card - Remote management adapter
434905-B21	HP NC110T PCI Express Gigabit Server Adapter - Network adapter - PCI Express x1 - Gigabit EN - 1000Base-T
412648-B21	HP NC360T PCI Express Dual Port Gigabit Server Adapter - Network adapter - PCI Express x4 - EN, Fast EN, Gigabit EN - 10Base-T, 100Base-TX, 1000Base-T - 2 ports
435508-B21	HP NC364T PCI Express Quad Port Gigabit Server Adapter - Network adapter - PCI Express x4 - EN, Fast EN, Gigabit EN - 10Base-T, 100Base-TX, 1000Base-T - 4 ports

Applications

460753-B21

HP Server Migration Pack Universal Edition - Migration licence + 1 Year 24x7 Software Support - 1 migration - Linux, Win - Physical / Virtual to Virtual

* Computer 2000 is not responsible for any errors in the documentation of products