

HP Proliant Microserver



HP ProLiant MicroServer

Confidently grow your business

RELIABLE

Fewer components means
less points of failure

AFFORDABLE

Less than the cost of a PC

FAST

Includes the latest
technology

SMALL

Easily fits in your current
workspace

GREEN

Greater than 85%
efficient power supply



QUIET

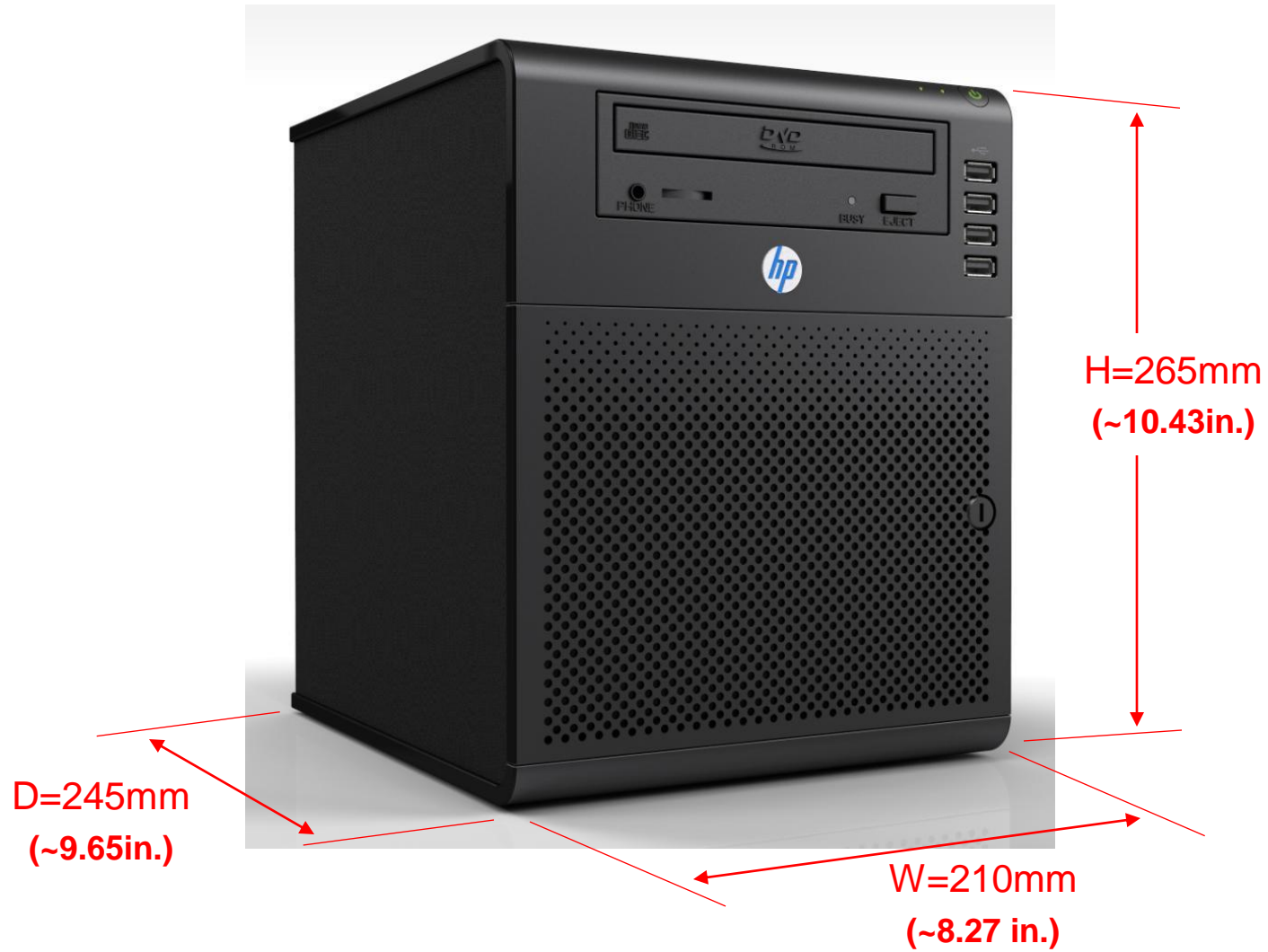
Allows you to place the
server anywhere

EASY

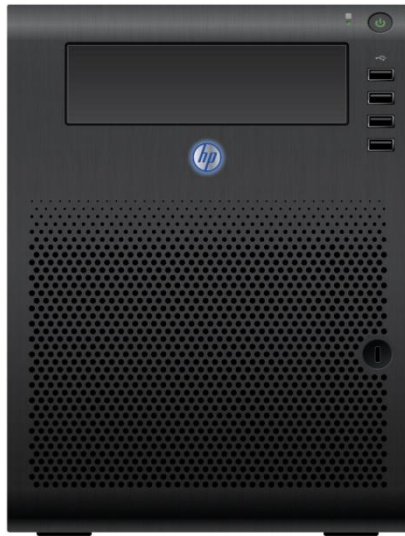
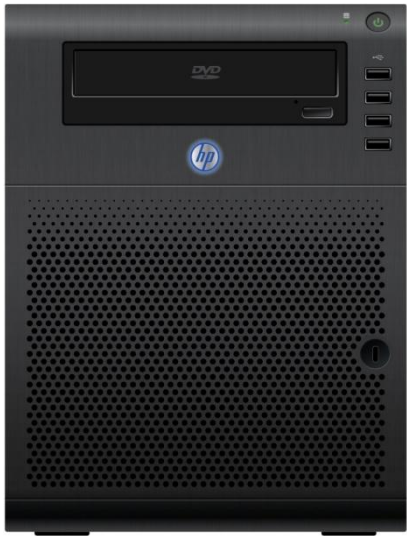
Easy to manage and
easy to service



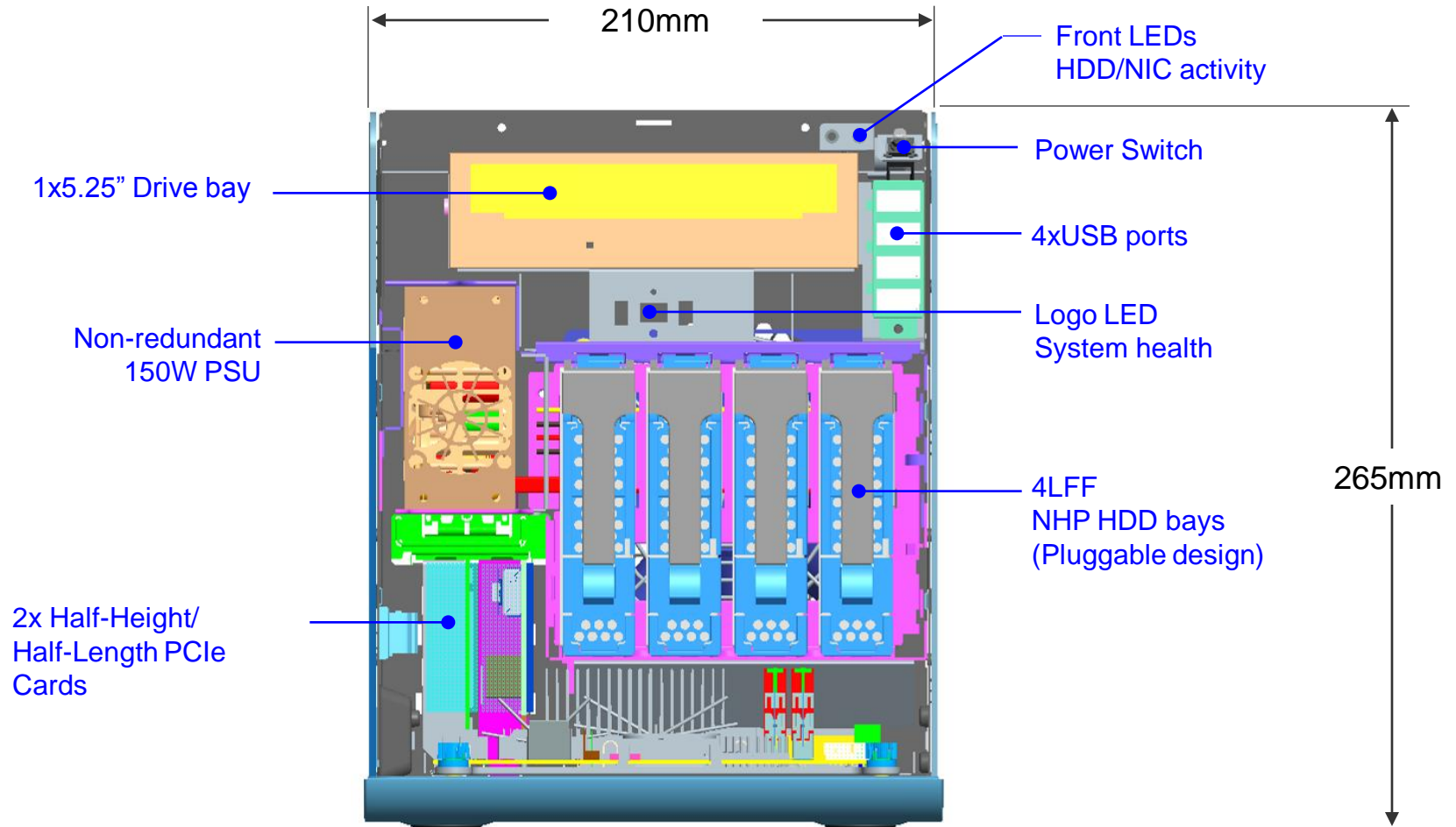
System Dimensions



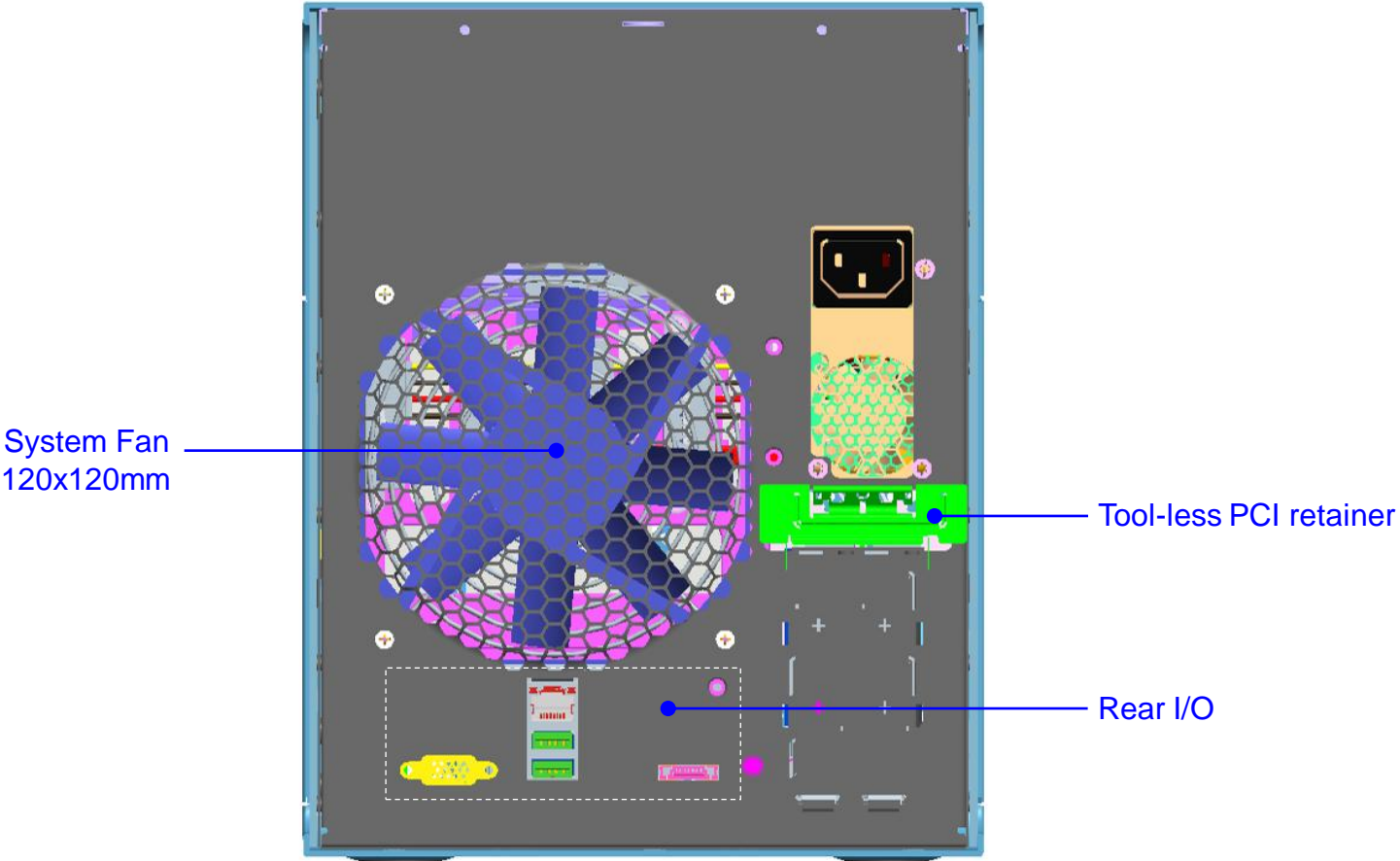
Appearance



Micro Serveur



System Placement (Rear side)



BASIC SPECIFICATIONS

Processor	Dual Core 1.3GHz Athlon II
Memory	2 DIMM Sockets, Up to 8GB Unbuffered ECC DDR3 1066/1333 MHz
Storage	4 Pluggable SATA 3.5", Embedded SATA. 160GB as standard
Graphics	32MB supporting 2560x1440@32bpp
Networking	1 Gigabit NIC
Management	Optional Remote Management Card
I/O Slots	Two total – PCI Express (x16 and x4)
Power	150W power supply
Warranty	1-0-0 Worldwide
Chassis	Ultra Micro Tower
Optical	None shipped standard
USB	4 front, 2 rear, 1 internal + 1 eSATA rear
Dimension	10.43 x 9.65 x 8.27 ins (265 x 245 x 210 mm) H x D x W

...is not a desktop

Proliant Microserver

HW

2x IO slots

2xDDR3 DIMM slots

ECC Memory

Tape and Optical drive support

Video support

(means you can't use as an application server)

IPMI management card option

120GB HDD Standard

4 HDD slots (Max 8TB internal)

AMD Athlon

MediaSmart Server

n/a

1xDDR2

non-ECC

n/a

n/a

n/a

640GB HDD

1 HDD slot (Max?)

Intel Atom

PHRIXUS – BTO SKU

	SKU 1
Processor	AMD Dual Core
Memory	1GB (1 x1GB) UDIMM
Controller	Embedded SATA
Gigabit NIC	Embedded NIC
Warranty	1/0/0
Optical	None
Keyboard/Mouse	None
Preinstalled	None
Hard Drives	Pluggable 1x 160GB included

- One BTO SKU at launch
- No CTO
- BTO SKU does not include keyboard, mouse and optical drive
- EMEA sku: [612275-421](#) will include EU & UK power cord.

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KEY OPTIONS – MEMORY

Memory Kit	
HP 4GB 2Rx8 PC3-10600E-9 Kit	500672-B21
HP 2GB 2Rx8 PC3-10600E-9 Kit	500670-B21
HP 1GB 1Rx8 PC3-10600E-9 Kit	500668-B21

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KEY OPTIONS – OPTICAL DRIVES AND SECURITY HARDWARE

Optical Drives

HP Half-Height SATA DVD-ROM Kit	624189-B21
HP Half-Height SATA DVD-RW Optical Kit	624192-B21

Security Hardware

HP TPM Module Kit	488069-B21
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KEY OPTIONS – SATA HDDS

SATA NHP 3.5" HDD	
HP 2TB 3G SATA 7.2K NHP 3.5" MDL HDD	507774-B21
HP 1TB 3G SATA 7.2K NHP 3.5" MDL HDD	507772-B21
HP 500GB 3G SATA 7.2K NHP 3.5" MDL HDD	458941-B21
HP 250GB 3G SATA 7.2K NHP 3.5" ETY HDD	571232-B21
HP 160GB 3G SATA 7.2K NHP 3.5" ETY HDD	458947-B21

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KEY OPTIONS – NETWORKING & MANAGEMENT

NIC CARD

HP NC112T PCI Express Gigabit Server Adapter	503746-B21
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Remote Management

Remote Management Card (Name TBD) - New	615095-B21
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REMOTE MANAGEMENT CARD

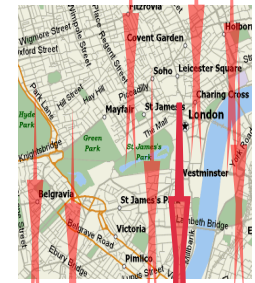
Usage	Managed by reseller or internet provider
Benefits	<ul style="list-style-type: none"> • Eliminates trips to servers at remote sites • Remotely control system console and power • View system environment health and system event log • Remotely Control Software and firmware update • Remotely control system console for OS administration

Features - supports:

- Integrated remote console (Java version)
- Remote serial console
- IPMI LAN support
- Virtual power & UID
- Supports standard browser such as IE
- Virtual KVM
- Virtual Media such as USB key
- System Power Monitoring
- SSL & SSH
- Patching and driver (firmware) updates remotely

Basic remote control via secured interfaces that eliminates trips to

In the building



Across town



Around the globe

p/n: **615095-B21**



PROLIANT MICROSERVER OS SUPPORT

Tested & Certified

- Windows 2008 Standard Edition R2 (X64)
- Microsoft Windows Server 2008 Foundation
- Red Hat 5

Tested but not Supported or Certified

- Ubuntu Linux
- Windows XP
- Windows 7
- Windows Vista

WARRANTY AND SERVICES INCLUDED WITH THE PRODUCT

– Product Warranty

- 1/0/0 Worldwide

- 1 year Next Day Parts replacement, 0 year labor, 0 year onsite support

– Pricing:

- 3 year 13x5 4hr response, \$200

- 3 year 9x5 Next Day Business Day, \$126

- 3 year 24x7 4hr response, \$229



HP ENTRY TOWER FEATURE COMPARISON

Micro Server

ML110 G6

Processor	AMD Athlon II NEO N36L 1.3GHz (Dual Core)	Intel Xeon X3400 Series, Core i3 Series, Pentium G6950, Celeron G1101
Memory	2 memory slots DDR3 1067/1333 UDIMM ECC, Max 8 GB	4 memory slots DDR3 1066/1333 UDIMM ECC, Max 16 GB
NIC	1 GbE	1 GbE
Management	Option card (ODM produced)	Onboard Administrator powered by LO100i, HP Easy Setup CD
Storage	4 x 3.5" pluggable SATA drive bays	4 x 3.5" non hot-plug SATA or SAS drive bays
ODD	<u>optional</u> ½ Height SATA drives	½ Height DVD SATA <u>standard</u>
I/O	Total = 2 slot 1 x16 PCIe 1 x 4 PCIe	Total = 4 slots 1 x16 PCIe (with x16 connector) 1 x4 PCIe (with x8 connector) 1 x1 PCIe (with x4 connector) & 1 PCI
USB	6 ports: 4 front/2 rear/1 internal 1 x eSATA port	8 ports: 2 front/4 rear/2 internal
Options	UDIMM, LFF SATA drives, 1 NIC, USB peripherals, Management Card	UDIMM, LFF SATA or SAS drives, NICs, SA Controllers, management SW, USB peripherals
Security	TPM optional	TPM optional
OS support	Windows Server 2008 (+R2), RHEL 5 + More	Windows Server 2003 & 2008, RHEL 5 & 6, SLES 10 & 11
Chassis	Custom Chassis (Ultra Micro) H x W x D = 10.4 x 8.3 x 9.6 in	Micro ATX 4U H x W x D = 14.38 x 6.9 x 16.8 in
Warranty	1-0-0	1-1-1 WW 3-1-1 Brazil

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Tower Server Offerings for the SMB Segment

