

# Hewlett Packard Enterprise ProLiant Microserver Gen8 server (P9B70A)

Intel Core i3-3240, 4GB DDR3, 1TB SATA HDD, Intel HD Graphics 2500, DVD-RW,  
Gigabit Ethernet, 200W, black/silver



## Price details:

Price excl. VAT: 594.69 €

Eco fees: 0.00 €

VAT 21 %: 124.88 €

## Product details:

Product code: P9B70A

EAN: 0190017018300

Manufacturer: Hewlett Packard Enterprise

**719.57 €**

\* VAT included

PDF generated on: 18 October, 2017



Product is discontinued. You  
can not order it anymore.

Are you looking to build an affordable first server IT environment? The HP ProLiant MicroServer Gen8 is a small, quiet, and stylishly designed server that is ideal as a first server solution for small businesses. With a form factor that is easy-to-use and service, it helps small businesses drive down their expenses while improving productivity, efficiency, and security.

### Simplified IT Management with Built-in Gen8 Technologies

HP ProLiant MicroServer Gen8 comes with HP iLO4, providing access to innovations like Intelligent Provisioning for quick and simple installation and setup.

Instant out-of-box server set up and deployment.

Embedded remote management technology reduces on-site server administration and travel expenses.

Continuous, proactive health monitoring ensures faster and more accurate problem resolution.

### Worry-free Serviceability Maximizing Uptime and Productivity

HP ProLiant MicroServer Gen8 is available with tool-less access to hard drives, memory, and PCI slots for simple installation or upgrade.

Two up-front USB ports allow for easy deployment.

iLO Essentials license provides ability to connect media from your client device to your server and receive email alerts regarding server events.

### Unique Server Design Ideal for Small Offices

HP ProLiant MicroServer Gen8 allows you to personalize your MicroServer with the Front Bezel Faceplate Kit.

Small, quiet, energy efficient, and can be placed anywhere.

Stylish blue LED light bar for at-a-glance system health status.

Stackable wireless router and managed switch creates clean, elegant look for networking and compute.

### Seamless Network Connectivity Extends Benefits of Converged Infrastructure

HP ProLiant MicroServer Gen8 support PS110 Wireless VPN Router which provide an access point for wireless connectivity in office as well as VPN technology for secure remote access.

Compatible with HP PS1810 Switch Series. Unique chassis design for the 8-port managed switch and router that enables physical stacking. A 24-port switch is available for larger office environments.

User-friendly interface on HP PS1810 Switch Series allows for consolidated view of servers and switches in the network so workloads can be prioritized.

Link aggregation allows for faster file transfers and greater data availability.

---

#### Main specifications:

##### Processor

Processor frequency:	3.4 GHz
Processor family:	Intel Core i3-3xxx
Processor model:	i3-3240
Processor cores:	2
Number of processors installed:	1
Processor cache type:	Smart Cache
Processor cache:	3 MB
System bus rate:	5 GT/s
Processor manufacturer:	Intel
Processor socket:	LGA 1155 (Socket H2)
Motherboard chipset:	Intel C204
Supported processor sockets:	LGA 1155 (Socket H2)
Processor lithography:	22 nm
Processor threads:	4
Processor operating modes:	64-bit
FSB Parity:	N
Bus type:	DMI
Processor codename:	Ivy Bridge
Tcase:	65.3 °C
Maximum internal memory supported by processor:	32 GB
Memory types supported by processor:	DDR3-SDRAM
Memory clock speeds supported by processor:	1333,1600 MHz
Memory bandwidth supported by processor (max):	25.6 GB/s
Memory channels supported by processor:	Dual
ECC supported by processor:	Y
Execute Disable Bit:	Y
Idle States:	Y
Thermal Monitoring Technologies:	Y
PCI Express configurations:	1x16,2x8
Processor package size:	37.5 mm
Supported instruction sets:	AVX,SSE4.1,SSE4.2
Embedded options available:	N
Thermal solution specification:	PCG 2011C
Thermal Design Power (TDP):	55 W
CPU multiplier (bus/core ratio):	34
Processor series:	Intel Core i3-3200 Desktop series
Conflict Free processor:	Y

##### Memory

Internal memory:	4 GB
Internal memory type:	DDR3-SDRAM
Maximum internal memory:	16 GB
Memory slots:	2 x DIMM
Memory clock speed:	1600 MHz
Memory layout (slots x size):	1 x 4 GB

##### Storage

Total storage capacity:	1000 GB
Number of hard drives installed:	1
Hard drive size:	3.5 "
Hard drive interface:	Serial ATA
RAID support:	Y
Maximum storage capacity:	12 TB
Hard drive capacity:	1000 GB
RAID levels:	0,1,10
Hot-Plug support:	N
Number of hard drives supported:	4
Supported hard disk drive sizes:	3.5 "

##### Graphics

On-board graphics adapter:	Y
On-board graphics adapter family:	Intel HD Graphics
On-board graphics adapter model:	Intel HD Graphics 2500
On-board graphics adapter base frequency:	650 MHz
On-board graphics adapter dynamic frequency (max):	1050 MHz
Number of displays supported (on-board graphics):	3
On-board graphics adapter ID:	0x152

#### Networking

Ethernet LAN:	Y
Wake-on-LAN ready:	Y
Cabling technology:	10/100/1000Base-T(X)
Ethernet interface type:	Gigabit Ethernet

#### Ports & interfaces

USB 2.0 ports quantity:	4
VGA (D-Sub) ports quantity:	1
Ethernet LAN (RJ-45) ports:	2
USB 3.0 (3.1 Gen 1) Type-A ports quantity:	2

#### Expansion slots

PCI Express x16 (Gen 2.x) slots:	1
PCI Express slots version:	2.0

#### Design

Chassis type:	Ultra Micro Tower
Optical drive type:	DVD±RW

#### Performance

Compatible operating systems:	Microsoft Windows Server Red Hat Enterprise Linux SUSE Linux Enterprise Server VMware
-------------------------------	---

#### Processor special features

CPU configuration (max):	1
Intel Rapid Storage Technology:	N
Enhanced Intel SpeedStep Technology:	Y
Intel® Identity Protection Technology (Intel® IPT):	Y
Intel® Wireless Display (Intel® WiDi):	Y
Intel Virtualization Technology for Directed I/O (VT-d):	Y
Intel® Anti-Theft Technology (Intel® AT):	Y
Intel® Hyper Threading Technology (Intel® HT Technology):	Y
Intel® My WiFi Technology (Intel® MWT):	Y
Intel® Turbo Boost Technology:	N
Intel® vPro® #8482; Technology:	N
Intel® Quick Sync Video Technology:	Y
Intel® InTru® #8482; 3D Technology:	Y
Intel® Clear Video HD Technology (Intel® CVT HD):	Y
Intel® Insider® #8482;:	Y
Intel Flex Memory Access:	Y
Intel® AES New Instructions (Intel® AES-NI):	N
Intel Trusted Execution Technology:	N
Intel Enhanced Halt State:	Y
Intel VT-x with Extended Page Tables (EPT):	Y
Intel Demand Based Switching:	N
Intel Clear Video Technology:	N
Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID):	Y
Intel 64:	Y
Intel Identity Protection Technology version:	1.00
Intel Secure Key Technology version:	0.00
Intel Virtualization Technology (VT-x):	Y
Intel Dual Display Capable Technology:	N
Intel FDI Technology:	Y
Intel Fast Memory Access:	Y
Processor ARK ID:	65690

#### Power

Redundant power supply (RPS) support:	N
Power supply:	200 W

#### Weight & dimensions

Width:	230 mm
--------	--------

Depth:	245 mm
Height:	232.4 mm
Weight:	9800 g

\*PLEASE NOTE: Every effort has been made to ensure the accuracy of all information contained herein. Lasystems makes no warranty expressed or implied with respect to accuracy of the information, including price, editorials or specifications. Lasystems or its suppliers shall not be liable for incidental, consequential or special damages arising from, or as a result of, any electronic transmission or the accuracy of the information contained herein, even if Lasystems has been advised of the possibility of such damages. Product and manufacturer names are used only for the purpose of identification.