

Hewlett Packard Enterprise ProLiant DL80 Gen9 server (840625-425)

Intel Xeon E5-2603 v4 (1.7GHz, 15MB), 8GB (1 x 8GB) DDR4, 8 LFF HDD, Smart Array B140i, 550W PS



Price details:

Price excl. VAT: 917.77 €

Eco fees: 0.00 €

VAT 21 %: 192.73 €

Product details:

Product code: 840625-425

EAN: 0190017002965

Manufacturer: Hewlett Packard Enterprise

1,110.50 €

* VAT included

PDF generated on: 13 December, 2017



Do you need an affordable storage server for capacity intensive applications? The HP ProLiant DL80 Gen9 Server is designed with affordable storage, networking and processor scalability, and manageability in a 2U server for cost conscious service provider and SMBs. Apart from basic IT infrastructure workloads this server is ideal for running storage capacity intensive applications like cold storage, back-up due to compelling cost/GB that it offers.

Features

Affordable Storage and IO Expandability for Service Providers and SMBs

- The HP ProLiant DL80 Gen9 Server provides ample storage capacity with up to twelve (12) Large Form Factor (LFF) HP SmartDrives, delivering optimal performance, capacity, and reliability to meet various customer segments and workload requirements at the right economics.
- Up to six (6) PCIe 3.0 riser slots to support one single-wide GPU or networking cards offering increased IO bandwidth and seamless expandability.
- Comes standard with 2x1GbE and choice of HP FlexibleLOM to provide you flexibility of networking bandwidth and fabric so you can adapt to changing business needs.

Just Enough Performance for Basic IT Infrastructure Workloads

- The HP ProLiant DL80 Gen9 Server supports up to two (2) Intel® Xeon® processor E5-2600 v3 processors offering improved performance and efficiency.
- HP SmartMemory has the built-in intelligence to improve performance, reduce downtime and energy costs resulting in up to 14% better throughput performance and up to 37% lower power consumption with DDR4 memory.
- Embedded SATA HP Dynamic Smart Array B140i Controller for boot and data. Choice of HP Smart Array Controllers with increased performance, data availability with 12 Gb/s SAS technology or HP Smart HBAs with reliable high performance SAS connectivity capable of running HBA mode or simple RAID mode.

Agile Infrastructure Management for Accelerating IT Service Delivery

- With HP ProLiant DL80 Gen9 Server, HP OneView provides converged management for automation simplicity across servers, storage and networking.
- Online personalized dashboard for converged infrastructure health monitoring and support management with HP Insight Online.
- Configure in Unified Extensible Firmware Interface (UEFI) boot mode, provision local and remote with Intelligent Provisioning and Scripting Toolkits or HP RESTful Interface Tool.
- Embedded management to deploy, monitor and support your server remotely, out of band with HP iLO.
- Optimize firmware and driver updates and reduce downtime with HP Smart Update, consisting of HP SUM and SPP.

Energy Efficiency by Design

- 80 PLUS gold certified entry-level redundant HP Power Supplies provide up to 92% efficiency which combined with HP power management features leads to reduction of power consumption and expense.
- Improved ambient temperature standard with ASHRAE A3 2 helps customers reduce cooling expense.

Main specifications:

Processor

Processor frequency:	1.7 GHz
Processor family:	Intel Xeon E5 v4
Processor model:	E5-2603V4
Processor cores:	6
Number of processors installed:	1
Processor cache type:	Smart Cache
Processor cache:	15 MB
System bus rate:	6.4 GT/s
Processor socket:	LGA 2011-v3
Motherboard chipset:	Intel C610
Processor lithography:	14 nm
Processor threads:	6
Processor operating modes:	64-bit
Stepping:	R0
Bus type:	QPI
Number of QPI links:	2
Processor codename:	Broadwell
Tcase:	73 °C
Maximum internal memory supported by processor:	536 GB
Memory types supported by processor:	DDR4-SDRAM
Memory clock speeds supported by processor:	1600,1866 MHz
Memory bandwidth supported by processor (max):	59.7 GB/s
Memory channels supported by processor:	Quad
ECC supported by processor:	Y
Execute Disable Bit:	Y
Idle States:	Y
Thermal Monitoring Technologies:	Y
Maximum number of PCI Express lanes:	40
Processor package size:	52.5 x 51 mm
Supported instruction sets:	AVX 2.0
Processor code:	SR2P0
Scalability:	2S
Physical Address Extension (PAE):	Y
Physical Address Extension (PAE):	46 bit
Embedded options available:	N
Thermal Design Power (TDP):	85 W
Processor series:	Intel Xeon E5-2600 v4
Conflict Free processor:	Y

Memory

Internal memory:	8 GB
Internal memory type:	DDR4-SDRAM
Maximum internal memory:	256 GB
Memory slots:	8 DIMM
Memory clock speed:	2400 MHz
ECC:	Y
Memory layout (slots x size):	1 x 8 GB

Storage

Hard drive size:	3.5 "
Hard drive interface:	Serial ATA
RAID support:	Y
Maximum storage capacity:	96 TB
RAID levels:	0,1,5
Number of hard drives supported:	8

Networking

Ethernet LAN:	Y
Ethernet interface type:	Gigabit Ethernet

Ports & interfaces

USB 2.0 ports quantity:	1
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 slots version:	3.0
Design	
Chassis type:	Rack (1U)
Optical drive type:	N
Performance	
Operating system installed:	N
Compatible operating systems:	Microsoft Windows ServerRed Hat Enterprise Linux (RHEL)SUSE Linux Enterprise Server (SLES)Oracle SolarisVMware
Processor special features	
CPU configuration (max):	2
Enhanced Intel SpeedStep Technology:	Y
Intel® Identity Protection Technology (Intel® IPT):	N
Intel Virtualization Technology for Directed I/O (VT-d):	Y
Intel® Hyper Threading Technology (Intel® HT Technology):	N
Intel® Turbo Boost Technology:	N
Intel® vPro® Technology:	Y
Intel Flex Memory Access:	N
Intel® AES New Instructions (Intel® AES-NI):	Y
Intel Trusted Execution Technology:	Y
Intel Enhanced Halt State:	Y
Intel VT-x with Extended Page Tables (EPT):	Y
Intel Demand Based Switching:	Y
Intel® Secure Key:	Y
Intel TSX-NI:	Y
Intel® OS Guard:	Y
Intel 64:	Y
Intel Virtualization Technology (VT-x):	Y
Processor ARK ID:	92993
Power	
Redundant power supply (RPS) support:	N
Power supply:	550 W
Number of main power supplies:	1
Certificates	
Energy Star certified:	N
Weight & dimensions	
Width:	445.5 mm
Depth:	607 mm
Height:	87.5 mm
Other features	
Graphics adapter:	G200eH2
Graphics adapter family:	Matrox

*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.