

CERTIFICATE

Certificate Id: 2PAA116565_HP_ProLiant_DL180_Gen9

Category:	Servers and Workstation
Product Name:	Hewlett Packard DL180 Gen9
Software Version:	N/A
Chipset Version:	Intel® C610 Series Chipset
Vendor:	Hewlett Packard
Certification Test Report:	3BSE087027
Certification reference:	System 800xA Version 6.0 64bit
Restrictions:	

The certificate states that the product specified above has passed the test towards the specified integration category. The certification has been performed by an official certification center, approved by the official steering body for the Industrial IT Certification.

The basis for the certificate is documented according to the Industrial IT Certification – Document Number 3BSE037356. The certificate is valid for the above mentioned Product versions until the next major release of the certified product or the certification reference system. With a major release of the certified product or the reference system, a new certification is required to keep the certificate current.

ABB AB
721 59 Vasteras, Sweden

Date: 2016-06-14

Representative for the official steering body for the Industrial IT Certification


Björn Jonsson

HP ProLiant DL180 Gen9

Industrial^{IT} Certification



The HPE ProLiant DL180 Gen9 Server provides ample storage capacity on demand with drive configurations ranging from (4) to (12) Large Form Factor (LFF) or (8) to (16) Small Form Factor (SFF) HPE SmartDrives, with flexibility of LFF non-hot plug (NHP) options at the right economics.

It supports up to two Intel® Xeon® processor E5-2600 v3/v4 processors with up to 12 cores and 16 DIMM slots of HPE DDR4 SmartMemory offering improved performance and efficiency.

Certification product details are summarized below:

Product Overview	
Processor	A variety of 4 to 18 cores processors from Intel Xeon E5-2600 v3/v4 Processors Family
Memory	Maximum Capacity 1TB (16 x 64GB LRDIMM @2400MHz) 512GB (16 x 32GB RDIMM @2400MHz)
Chipset	Intel® C610 Series Chipset
Hard disc	16 SFF/12 LFF max, HDD/SSD, M.2 enabled
Expansion Bays	Up to 6 PCIe 3.0 slots
Graphics	Integrated Matrox G200eh
Network	HP Embedded 1Gb Ethernet 2-port 361i Adapter. Different additional options available.
Storage DVD-ROM	Optional: DVD-ROM, DVD+/-RW
Operating System	Microsoft Windows Server 2012 R2
USB	Up to 4 total: Front: 1x USB 2.0 Rear: 2x USB 3.0 Internal: 1x USB 3.0

Product Details in tested sample	
Product	HP ProLiant DL180 Gen9
Processor	Intel® Xeon® E5-2609v3 1.9 GHz
Memory	1x 8 GB DDR4 2400 MHz
Hard disc	2x 600GB 10k SAS 2.5 HDD
Graphics	Integrated Matrox G200eh
Network	HP Embedded 1Gb Ethernet 2-port 361i Adapter, HP Ethernet 1Gb 4-port 331T Adapter
Storage DVD-ROM	None
Operating System	Microsoft Windows Server 2012 R2

Engineering	
Configuration and installation	Intelligent Provisioning

HP ProLiant DL180 Gen9

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For years, the HPE ProLiant DL180 Server (formerly the DL380e Gen8 Server) has met the needs of small- to medium-sized businesses (SMBs), large enterprises, and service providers alike. And with the Gen9 release, this server platform is even better.

By including the optimal combination of performance and affordability—coupled with a broad range of storage drive configurations and options—HPE ProLiant DL180 Gen9 Server delivers the flexibility and scalability you need for the varied demands of 2U rack deployments and applications.

The HP ProLiant DL180 Gen9 supports the 800xA Extended Automation System Value Propositions as noted below:

800xA Value Proposition Mapping

✓	Reducing Time to Decision and Action <ul style="list-style-type: none">- Detailed performance information can be retrieved.
✓	Engineering for Maximum Performance <ul style="list-style-type: none">- High level configuration- Number of options available for different configuration needs
✓	Reducing Risk through High Integrity Automation <ul style="list-style-type: none">- Reduced risk through reduced number of components- Mechanical form factor improves lifetime
✓	Optimizing Plant Asset Availability and Performance <ul style="list-style-type: none">- Possible to change components without any mechanical tools
✓	Investment Enhancement through Evolution <ul style="list-style-type: none">- Continuous developments of components to fit in existing Hewlett Packard product family.