CERTIFICATE

Certificate Id: 2PAA116563_HP_ProLiant_DL20_Gen9

Category:	Servers and Workstation
Product Name:	Hewlett Packard DL20 Gen9
Software Version:	N/A
Chipset Version:	Intel® C232 Chipset
Vendor:	Hewlett Packard
Certification Test Report:	3BSE087025
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 DL20 Gen9

Industrial^{IT} Certification

Are you looking for a compact 1U server that works in a variety of environments? The dense and compact HPE ProLiant DL20 Gen9 Server powered by Intel® Pentium®, Core i3 and E3-1200v5 processors provides a unique blend of enterprise-class capabilities at a great value—making it an ideal rack server platform for growing businesses and service providers. It offers outstanding configuration flexibility to cater to a wide variety of business requirements at an affordable price point

Certification product details are summarized below:

Product Overview	
Processor	A variety of 2 to 4 cores processors from Intel® Xeon® E3-1200 v5 product family
Memory	Maximum Capacity 4 x DDR4, up to 2133 MHz (64 GB max)
Chipset	Intel® C232 Chipset
Hard disc	2LFF Non hot-Plug & Hot Plug (SAS/SATA); 4SFF Hot Plug (SAS/SATA)
Expansion Bays	Up to 2 PCIe 3.0 slots
Graphics	Integrated Matrox G200eh
Network	HP Embedded 1Gb Ethernet 2-port 332i Adapter. Different additional options available.
Storage DVD-ROM	Optional: DVD-ROM, DVD+/-RW
Operating System	Microsoft Windows Server 2012 R2
USB	2 rear USB 3.0, 2 front USB 2.0, and 1 internal USB 3.0

Product Details in tested sample	
Product	HP ProLiant DL20 Gen9
Processor	Intel Xeon 4-core E3-1240 v5 3.5 GHz
Memory	8GB (1x8GB UDIMMs, 2133 MHz)
Hard disc	2x 300GB 10k SAS 2.5 HDD
Graphics	Integrated Matrox G200eh
Network	HP Embedded 1Gb Ethernet 2-port 332i 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

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HP ProLiant DL20 Gen9

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The HPE ProLiant DL20 Gen9 Server is a 1P 1U rack server that combines the right balance of performance, expandability, reliability and manageability for a variety of business needs.

The DL20 Gen9 Server combines a dense and compact form factor with redundant power supply capability which keeps your business running and provides data protection and accessibility even in the event of a power supply failure.

The HP ProLiant DL20 Gen9 supports the 800xA Extended Automation System Value Propositions as noted below:

800xA Value Proposition Mapping
Reducing Time to Decision and Action
- Detailed performance information can be retrieved.
Engineering for Maximum Performance
- High level configuration
- Number of options available for different configuration needs
Reducing Risk through High Integrity Automation
- Reduced risk through reduced number of components
- Mechanical form factor improves lifetime
Optimizing Plant Asset Availability and Performance
- Possible to change components without any mechanical tools
Investment Enhancement through Evolution
- Continuous developments of components to fit in existing Hewlett Packard product family.

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