CERTIFICATE

Certificate Id: 2PAA113888_800xA_Power_Server_5.0

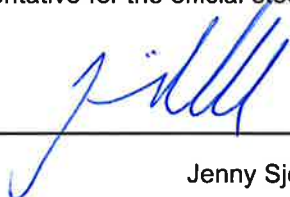|	
Category:	Server
Product Name:	800xA Power Server 5.0
Software Version:	N/A
Chipset Version:	Intel® C600 series chipset
Vendor:	ABB
Certification Test Report:	3BSE081269
Certification reference:	System 800xA Version 5.0 SP2
Restrictions:	-

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: 2014-10-27

Representative for the official steering body for the Industrial IT Certification

Jenny Sjödahl

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Take full advantage of the new Intel® Xeon® processor E5-2600 product family capabilities with the Intel® Server Board S2600GZ. Featuring an energy efficient spread core design and maximum memory capacity with up to 24 DIMMs, S2600GZ and S2600GL based rack-optimized server systems deliver unmatched performance, I/O capacity and flexibility.

Certification results and product details are summarized below:

Product Overview	
Product	800xA Power Server 5.0
	GRIZZLY PASS Intel® Server System R2216GZ4GC, Single
Processor	2x Intel Xeon E5-2640 v2 processor, 2.0GHz, 8 cores/16 threads, 20MB LLC, 7.2GT/s
Memory	16 GB ECC DDR3 REG 1600 1R x8 (4x4GB)
Hard disc	2x Intel® SSD DC S3500 Series 240GB, 20nm MLC, SATA 6Gb/s 2.5" form factor 7x WD Xe SAS 6 Gb/s 2.5 Inch 10,000 600 GB 32 MB
Network	Integrated Quad port 1 GbE based on Intel Ethernet Controller I350, 1x Intel® Ethernet Server Adapter I210-T1, Single Port Gigabit
Expansion Bays	4x PCI-Express 3.0 x8 2x PCI-Express 3.0 x4
USB ports	Back 3x USB 2.0 Front 2x USB 2.0 Internal 1x USB 2.0
Storage CD-ROM	SATA Slim-line Optical DVD Drive AXXSATADVDROM, Single
Management	Intel® Remote Management Module 4
Operating System	Microsoft Windows Server 2003 Embedded

Engineering	
Configuration and installation	-

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800xA Power Server 5.0
IndustrialIT Certification

For data center, cloud, or HPC customers who require a premium computing platform in a rack-optimized solution, Intel Server Board S2600GL- and S2600GZ-based systems deliver maximum memory capacity, I/O expansion, and powerful performance in an energy-efficient design.

The 800xA Power Server 5.0 supports the 800xA System Value Propositions as noted below:

800xA Value Proposition Mapping
✓ **Reducing Time to Decision and Action**
- Detailed performance information can be retrieved.
- Worldwide standard product
✓ **Engineering for Maximum Performance**
- High level configuration
- Delivered pre-installed with operating system and System 800xA
✓ **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
- Grow with the project.
✓ **Investment Enhancement through Evolution**
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