CERTIFICATE

Certificate Id: 2PAA111158_800xA_Standard_Server_5.0

Category:	Server
Product Name:	800xA Standard Server 5.0
Software Version:	N/A
Chipset Version:	Intel® C600 series chipset
Vendor:	ABB
Certification Test Report:	3BSE081268
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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A performance single-socket system featuring a half-width board, rich in I/O (40 Gen3 lanes) for a streamlined 1U rack mount server presentation. Designed for cost-effective execution, the Intel® Server Board S1600JP features support for one Intel® Xeon® processor E5-2600 or E5-1600 product family, 8 DIMMs, and front I/O support for convenient 1U rack deployment.

Certification results and product details are summarized below:

Product Overview	
Product	800xA Standard Server 5.0
	JACKSON PASS Intel® Server System R1208JP4OC
Processor	Intel Xeon E5-1620 v2 processor, 4 cores/8 threads, 3.70GHz, 10MB LLC
Memory	8 GB DDR3-1600 ECC UNB 1R x8 (2x4GB)
Hard disc	2x Intel® SSD DC S3500 Series 240GB, 20nm MLC, SATA 6Gb/s 2.5" form factor
Network	Integrated Quad port 1 GbE based on Intel Ethernet Controller I350, 1x Intel® Ethernet Server Adapter I210-T1, Single Port Gigabit
Expansion Bays	2x PCI-Express 3.0 x16 1x PCI-Express 3.0 x8
USB ports	Back 2x USB 2.0 Internal 1x USB 2.0
Storage CD-ROM	SATA Slim-line Optical DVD Drive AXXSATADVDROM, Single
Management	System Management Module AXXRMM4LITE, Single
Operating System	Microsoft Windows Server 2003 Embedded

Engineering	
Configuration and installation	-

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The Intel Server Board S1600JP-based systems provides the perfect mix of performance density and is the cost-effective choice for customers requiring long-life products for embedded appliances, general purpose rack, telecommunications, and high-performance computing (HPC).

The 800xA Standard 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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