CERTIFICATE

Certificate Id: 2PAA108919_Cisco_UCS_C210_M2

Category:	Server
Product Name:	UCS C210 M2
Vendor:	Cisco systems, Inc.
Certification Test Report:	3BSE070147
Certification reference:	System 800xA Version 5.1
Restrictions:	Does not work with Intel Quad port GbE Controller (E1G44ETG1P20)

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.
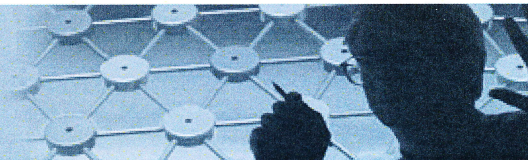
ABB AB
721 59 Västerås, Sweden

Date: 2012-05-15

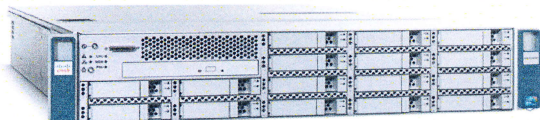Representative for the official steering body for the Industrial IT Certification

Erik Oja

CISCO

The Cisco UCS C210 M2 server is a general- purpose, 2-socket, 2 rack unit rack server that balances performance, density, and efficiency for storage-intensive workloads. The system is built for applications such as network file servers and appliances, storage servers, database servers, and content-delivery servers.

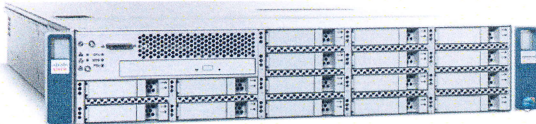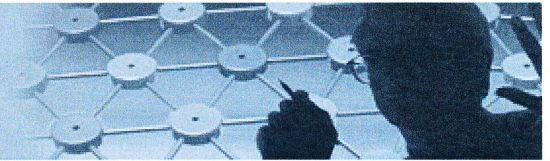Certification results and product details are summarized below:

Product Overview	
Processor	1 or 2 Intel Xeon Series 5500 or 5600 processors. Choice of processors: Intel Xeon X5670, X5650, X5675, L5640, E5649, E5645, E5640, E5620, E5506, or E5606
Memory	12 DIMM slots for up to 192 GB of memory using 16-GB DIMMs; 4 and 8-GB DIMMs are also available. Support for DDR3 registered DIMMs. Support for DDR3 low-voltage DIMMs. Advanced ECC. Mirroring option
Chipset	Intel® 5520 (Tylersburg) chipset
Hard disc	Up to 16 front-accessible, hot-swappable, 2.5-inch SAS, SATA or SSD drives. 146-GB SAS; 6G, 15,000 RPM. 300-GB SAS; 6G,10,000 RPM. 500-GB SATA; 7200 RPM. 600-GB SAS; 10,000 RPM. 1-TB SATA; 7,200 RPM. 100-GB SSD
Expansion Bays	2 full-height, full-length and 3 full-height half-length x8 PCIe slots, all with x16 connectors
Graphics	Matrox G200 core embedded into the ServerEngines Pilot-2 Baseboard Management Controller (BMC)
Network	A wide range of different network adapters
Operating System	Windows Server 2008
USB	Two (rear)

Product Details in tested sample	
Product	Cisco UCS C210 M2
Processor	2x Intel(R) Xeon(R) CPU X5650 @ 2.67GHz 2.66GHz
Memory	12x 4GB ECC DIMMS (48GB)
Hard disc	2x 146GB 10k SAS
Graphics	Matrox G200e
Network	Integrated Intel(R) 82576GB DPNC, Broadcom BCM5709C NetXtreme IIGigE Quad Port
Storage CD-ROM	DVD RAM HC DT ST GT32N ATA Device
Operation System	Windows Server 2008 R2 Standard, SP1, 64 bits

Engineering	
Configuration and installation	Cisco UCS C210 M2 Server drivers and management 1.4.3a

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Cisco UCS C210 M2
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Unified management: When integrated as a part of the Cisco Unified Computing System, management is uniquely integrated into all components of the system, enabling the entire solution to be managed as a single entity through Cisco UCS Manager, improving operational efficiency and flexibility.

The Cisco UCS C210 M2 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.
	- World wide standard product

✓	**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
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✓	**Optemizing Plant Asset Availabitily and Preformace**
	- Possible to change components without any mechanical tools.
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