

CERTIFICATE

Certificate Id: 2PAA114352_Dell_Precision_R7610

Category:	Servers and Workstation
Product Name:	Dell Precision R7610
Software Version:	N/A
Chipset Version:	Intel C602
Vendor:	Dell
Certification Test Report:	3BSE082665
Certification reference:	System 800xA Version 6.0 64bit
Restrictions:	

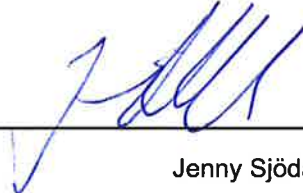
The certificate states that the product specified above has passed the test towards the specified integration category. The certification has been performed by an official certification center, approved by the official steering body for the Industrial IT Certification.

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: 2015-03-13

Representative for the official steering body for the Industrial IT Certification



Jenny Sjö Dahl

Dell Precision R7610

Industrial^{IT} Certification



The Dell Precision R7610 offers the same power and scalability found in our highest-performing tower workstations with the convenience of a slim 2U design:

- Take on the toughest jobs with up to two 8-core Intel® Xeon® E5-2600 series processors.
- Multitask with up to 256GB¹, 4 of RAM in 16 DIMM slots (up to 512GB coming soon).
- Maintain uptime through optional redundant power supplies.

Certification results and product details are summarized below:

Product Overview

Processor	Quad Core Intel Xeon E5-2603 (1.8GHz), E5-2609 (2.4GHz), E5-2643 (3.3GHz) Six Core Intel Xeon E5-2620 (2.0GHz), E5-2630 (2.3GHz), E5-2667 (2.9GHz), Eight Core Intel Xeon E5-2650 (2.0GHz), E5-2665 (2.4GHz), E5-2680 (2.7GHz), E5-2687W (3.1GHz)
Memory	Quad channel; up to 256GB 1600MHz ECC RDIMM memory; 16 DIMM slots (8 per processor); (up to 512GB coming soon)
Chipset	Intel C602
Hard disc	500/1000 GB (7200 rpm) 2,5" SATA 256 GB Solid State Drive
Expansion Bays	Six external 2.5" bays; one external 5.25" slimline optical drive bay
Graphics	NVIDIA Quadro NVS 310 512MB, NVIDIA Quadro NVS 510 2GB, NVIDIA® Quadro® K600 1GB, NVIDIA® Quadro® K2000 2GB, NVIDIA® Quadro® K4000 3GB, NVIDIA® Quadro® K5000 4GB
Network	Integrated: Intel 82579 Gigabit Ethernet controller Optional: Intel Ethernet Server Adapter X520-T2 10GbE Optional Tera2 dual display PCoIP™ PCIe remote access host card to connect to Dell Wyse P25 zero client device
Optional Removable Storage	DVD-ROM; DVD+/-RW; Blu-ray
Operating System	Windows® 7 Professional (32-Bit or 64-Bit), Windows 8.1 Pro 64-Bit
USB	7 USB 2.0 (4 rear, 2 front and 1 internal) 2 USB 3.0 (rear)
Remote device	2x Wyse P25 zero client device

Product Details in tested sample

Product	Dell Precision R7610
Processor	Six Core Intel® Xeon® E5-2620 (2.0GHz)
Memory	8GB (4x2GB) 1600MHz DDR3 ECC RDIMM
Hard disc	500GB Serial ATA (7.200 Rpm)
Graphics	2x Nvidia Quadro K600 1GB
Network	Integrated: Intel 82579 Gigabit Ethernet controller
Storage CD-ROM	Slimline DVD+/-RW
Operating System	Windows 8.1 Pro 64-Bit

Engineering

Configuration and installation	None
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You'll discover a great deal of deployment flexibility in the rack-based Dell Precision R7610.

For maximum performance, deploy it as a one-to-one workstation solution using the optional Wyse P25 zero client device. This solution uses Teradici Tera 2 hardware-based compression and the PCoIP protocol for remote connectivity providing a superb, responsive workstation experience.

The Dell Precision[™] R7610 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.- Worldwide standard product
✓	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 Dell product family.