

Certificate Id: 2PAA114290_Dell_PowerEdge_R730XL

Category:

Servers and Workstation

Product Name:

Dell PowerEdge R730/R730XL

Software Version: Chipset Version:

Intel C610 series chipset

Vendor:

Dell

Certification Test Report:

3BSE082414

Certification reference:

System 800xA Version 6.0

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: 2015-02-25

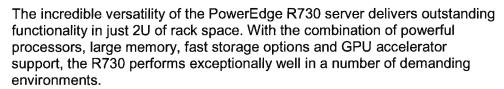
Representative for the official steering body for the Industrial IT Certification

Hans Johannisson

Dell PowerEdge R730XL

Industrial^{IT} Certification







Certification and product details are summarized below:

| Product Overview | |
|------------------|--|
| Processor | Intel® Xeon® processor E5-2600 v3 product family |
| Memory | Up to 768GB (24 DIMM slots): 4GB/8GB/16GB/32GB DDR4 up to 2133MT/s |
| Chipset | Intel C610 series chipset |
| Hard disc | HDD: SAS, SATA, nearline SAS SSD: SAS, SATA 16 x 2.5" – up to 29TB via 1.8TB hot-plug SAS hard drives 8 x 3.5" – up to 48TB2 via 6TB hot-plug NL SAS hard drives |
| Drive Bays | Up to 16 x 2.5" HDD: SAS, SATA, Near-line SAS SSD: SAS, SATA Up to 8 x 3.5" HDD: SAS, SATA, Near-line SAS SSD: SAS, SATA |
| Network | A wide range of network controllers from different vendors |
| Operating System | Microsoft Windows® Server 2008/2012 R2, x64 (includes Hyper-VTM v2) |
| I/O slots | Up to 7 x PCle 3.0 plus dedicated PERC slot |

| Product Details in tested sample | | |
|----------------------------------|---|--|
| Product | Dell PowerEdge R730/R730XL | |
| Processor | Six Core Intel® Xeon® E5-2620 v3 (2.4GHz) | |
| Memory | 32GB (4x8GB) 2133MHz DDR3 ECC RDIMM | |
| Hard disc | 2x 300GB SAS (10k Rpm) | |
| Network | Broadcom 5720 Quad-Port GbE Network Daughter Card | |
| Storage CD-ROM | Slimline DVD+/-RW | |
| Operating System | Windows® Server 2012 R2 Standard 64bit | |

| Engineering | | |
|--------------------------------|---|--|
| Configuration and installation | OpenManage Systems Management Tools and | |
| | Documentation P/N: 9FN0G Rev. A00 | |



Dell PowerEdge R730XL

Industrial^{IT} Certification





The popular-sized 2S/2U R730 can be easily configured as a reliable, general-purpose server for business-critical applications, with scale-out storage, automated management and high-availability features, such as:

- Redundant power supply units (PSUs)
- Hot-plug and swappable PSUs, HDDs and fans
- Dual SD card option for failsafe hypervisors

The Dell PowerEdge R730/R730XL 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.
- Worldwide 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
 - 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 Dell product family.

