Dell™ PowerEdge™ R730xd for Telecom
Carrier Grade

As a telecommunications Original Equipment Manufacturer (OEM), you've told us you need affordable performance, improved energy efficiency, and accelerated time-to-market to maximize ROI. With the Carrier Grade Dell PowerEdge R730xd for Telecom, you get all that plus peace of mind with our Tier 1 quality and reliability.

Telecom server solution

NEBS compliance is an important requirement in your environment. As a recognized global leader in enterprise platforms, Dell OEM Solutions offers NEBS Level-3 and ETSI compliant PowerEdge™ Carrier Grade Servers running on Intel® Xeon® Processors at tier 1 levels of stability and global availability. Our rack mount systems are designed to deliver high performance, maximum scalability, and safe and reliable service.

Dell's 13th Generations PowerEdge Carrier Grade Servers for OEM offer:

- Open standard systems.
  - Improved compatibility based on industry-leading Dell products
  - Rapidly scalable and easily expandable
  - Image compatibility with standard, OEM Ready and OEM XL product equivalents reduces development, validation and support
- Industry standards Solutions.
  - NEBS Level 3 and ETSI compliant
  - Fresh-air cooling systems enable servers to operate in warmer environments than traditional data centers
  - Designed for extreme conditions such as high humidity, earthquakes and dust
- Global regulatory support and availability

Service and support

Bring your game-changing innovations to market fast with our services, including design, manufacture, fulfillment and global support. We'll help you refine a product or design new products with the right services, so you can focus on your IP. Choose from services that can help you:
- Conduct applications testing on our hardware.
- Integrate hardware, image, applications, peripheral and documents as your systems are built.
- Consolidate, stage, deliver and support your orders globally.
- Provide your customers with the support they need, anything, anywhere with more than 30,000 Dell employees in tech support, parts and field services in more than 100 countries.

Additional Features

- Accelerated performance enables you to operate fast and efficiently.

- Increased productivity helps you to maintain focus on your intellectual property (IP).

- Industry-leading support gives you the agility to manage your clients more efficiently

- Identity Module simplifies the distribution and maintenance of customized BIOS, helping OEMs get updates to market quickly and keep their focus on innovation.

- LCD Access Control Panel has a chassis-front interaction giving your customers full control of the platform.

- Dell's latest XL program offers enhanced predictability around your hardware configurations, so that you can better control your resources and manage your product lifecycles.

PowerEdge R730xd Carrier Grade

- NEBS Level 3 and ETSI compliant

- Commercial off the shelf hardware with OEM-specific features

- Comprehensive, global availability, service and support

Feature	PowerEdge R730xd Carrier Grade – NEBS/ETSI Compliant Components	
Form Factor	2U rack	
Processor	2x up to 120W Intel® Xeon® E5-2600 processors:	
	• Intel Xeon E5-2695 v3 processor • Intel Xeon E5-2680 v3 processor • Intel Xeon E5-2658 v3 processor • Intel Xeon E5-2650 v3 processor • Intel Xeon E5-2640 v3 processor • Intel Xeon E5-2620 v3 processor • Intel Xeon E5-2609 v3 processor	• Intel Xeon E5-2695 v4 processor • Intel Xeon E5-2680 v4 processor • Intel Xeon E5-2650 v4 processor • Intel Xeon E5-2640 v4 processor • Intel Xeon E5-2620 v4 processor • Intel Xeon E5-2609 v4 processor
Dimensions	H: 8.73cm (3.44in.) x W: 44.40 cm (17.49 in.) x D: 68.40 cm (26.92 in.)	
Cache	2.5MB per core; core options: 6, 8, 10, 12, 14, 18	
Chipset	Intel® C610 series chipset	
Memory[1]	Up to 768GB (24 DIMM slots); 4GB/8GB/16GB/32GB DDR4 RDIMM LV up to 2400MT/s	
I/O slots	Up to 6 PCIe 3.0 plus dedicated PERC slot	
RAID controller	**Internal controllers:** PERC S130 (SW RAID), PERC H330, PERC H730, PERC H730p	
Drive bays	**Internal hard drive bay and hot-plug backplane:** Up to 24 x 2.5" HDD: SAS, Nearline SAS; SSD: SAS, SATA + up to 2 x 2.5" SSDs Up to 12 x 3.5" HDD: SAS, Nearline SAS; SSD: SAS, SATA + up to 2 x 2.5" SSDs	
Internal storage options[1]	**3.5" drive options** 7.2K RPM NL SAS drives **2.5" drive options** 15K RPM SAS drives 10K RPM SAS drives	**SATA and SAS SSD options** Boot/Read Intensive, Mixed Use and Read Intensive
Embedded NIC options	Intel Ethernet i350 4x1Gb Intel X520 2x10Gb DA/SFP+ Intel X540 DP 10Gb Base-T + I350 DP 1Gb Intel X710 DP 10Gb DA/SFP+, + I350 DP 1Gb Emulex 1404U1 QP 10Gb SFP+ CNA	
I/O adapter options	**1Gb options** Broadcom® 5719 4x1Gb Broadcom 5720 2x1Gb Intel Ethernet I350 2x1Gb Intel Ethernet I350 4x1Gb	**10Gb/40Gb options** QLogic 57810 2x10Gb Base-T QLogic 57810 2x10Gb QSFP+ Intel X520 2x10Gb DA/SFP+ Intel X540 2x10Gb Base-T Intel X710 2x10Gb DA/SFP+ Intel X710 4x10Gb DA/SFP+ Mellanox ConnectX-3 DP 10G SFP+ Mellanox ConnectX-3 DP 40G QSFP
Power supplies	Efficient redundant hot swap 1100W DC or 1100W AC power supplies	
Remote Management	iDRAC8 with Lifecycle Controller iDRAC8 Express (default), iDRAC8 Enterprise (upgrade option) 8GB vFlash media (upgrade option), 16GB vFlash media (upgrade option)	
Rack support	ReadyRails™ Static Rails for 2/4-post racks	

[1]GB means 1 billion bytes and TB equals 1 trillion bytes; actual capacity varies with preloaded material and operating environment and will be less.

Learn more at Dell.com/Telcommunications