Designed to excel at running a wide range of applications and virtualization environments for both mid-size and large enterprises, the Dell PowerEdge R720 rack server is a general purpose platform with highly expandable memory (up to 768GB) and impressive I/O capabilities to match. With Intel® Xeon® E5-2600 processors, and the ability to support dual RAID controllers, the R720 can readily handle very demanding workloads, such as data warehouses, e-commerce, virtual desktop infrastructure (VDI), databases and high performance computing (HPC) as a data node.

Manage data overload
Keep pace with the explosion of data in the virtual age with the flexible, powerful I/O and storage capabilities of the R720. Up to 16 internal hard drives and integrated PCI Express® 3.0-capable expansion slots greatly increase your capacity, while optional hot-plug, front-access PCIe SSDs (up to 4) enable performance-enhancing, in-box storage tiering. Moreover, Dell Select Network Adapters, our flexible NIC technology, let you choose the right network fabric to match your needs without using up a valuable PCIe slot.

Accelerate the solution
Boost the performance of your HPC or VDI environment by combining the PowerEdge R720’s memory density with an optional GPU accelerator (some with over 500 cores). Choose from a range of GPU options for greater assisted performance.

Virtualize more with the R720
Maximize your data center’s application capacity by expanding your virtual environment using the PowerEdge R720’s large memory footprint. Choose an industry-leading hypervisor and take advantage of our system management capability to manage both physical and virtual assets. The R720 can help maximize your virtual machines’ uptime with redundant failsafe hypervisors. Finally, Dell’s Virtual Integrated System™ (VIS) solution lets you enable complex virtualization environments in just a few mouse clicks.

The PowerEdge server line
The PowerEdge family is engineered with the right combination of features and performance scalability to handle tough workloads for both large and small data center environments.

The Dell OpenManage™ systems management portfolio includes the Integrated Dell Remote Access Controller (iDRAC) with Lifecycle Controller. This embedded feature helps IT Administrators manage Dell servers in physical, virtual, local and remote environments, operating in-band or out-of-band, with or without a systems management software agent. OpenManage integrates and connects to third-party systems management solutions so you can maintain your single point of control and capitalize on your existing investment. OpenManage simplifies the lifecycle of deploying, updating, monitoring and maintaining your Dell PowerEdge servers.

PowerEdge R720
- Up to 24 DIMMs
- PCIe 3.0-enabled expansion slots
- Choice of NIC technologies
- Optional hot-plug, front-access PCIe SSDs
- Optional internal GPU accelerators
Global services and support

Dell Services can help reduce IT complexity, lower costs, and eliminate inefficiencies by making IT and business solutions work harder for you. The Dell Services team takes a holistic view of your needs and designs solutions for your environment and business objectives while leveraging proven delivery methods, local talent, and in-depth domain knowledge for the lowest total cost of ownership.

OEM-Ready version available

From bezel to BIOS to packaging, your servers can look and feel as if they were designed and built by you. For more information, visit Dell.com/OEM.

Learn more at Dell.com/PowerEdge