
Bringing power to the office

Dell PowerEdge VRTX



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Today's organizations face an explosion of demands



Various makes and models of servers



Hard to integrate standalone hardware



Lack of standardization and control

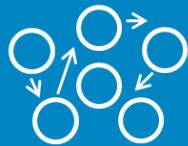


Limited IT staff and expertise

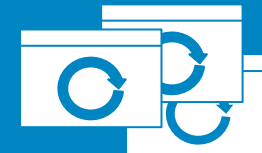


Protecting remote data pools

Need greater performance, more storage, easier connectivity, greater security, and simpler management of it all



Complexity caused by disparate hardware



Complexity caused by multiple systems management tools and consoles



Managing custom apps in remote locations



No space to locate enterprise hardware



Lack of platform scalability or space for growth

Revolutionizing the ROBO environment

Only Dell makes it real and affordable



Current environment
Complex, inefficient, rigid



PowerEdge VRTX
Simple, efficient, versatile



Workhorse performance & density

Datacenter power & capabilities in a small package

Award-winning PowerEdge servers

- Feature-rich
- 2-socket, half-height servers
- Superb performance with exceptional flexibility

Enterprise-class features

- High availability features
- Floor/desk or 5U rack mount option



VRTX for deskside



VRTX for rack



Highly efficient shared storage

Grow at your own pace and easily add when needed



Scalable:
up to 48TB

Flexible:
2.5" or 3.5" drives

Fast:
low latency & full access

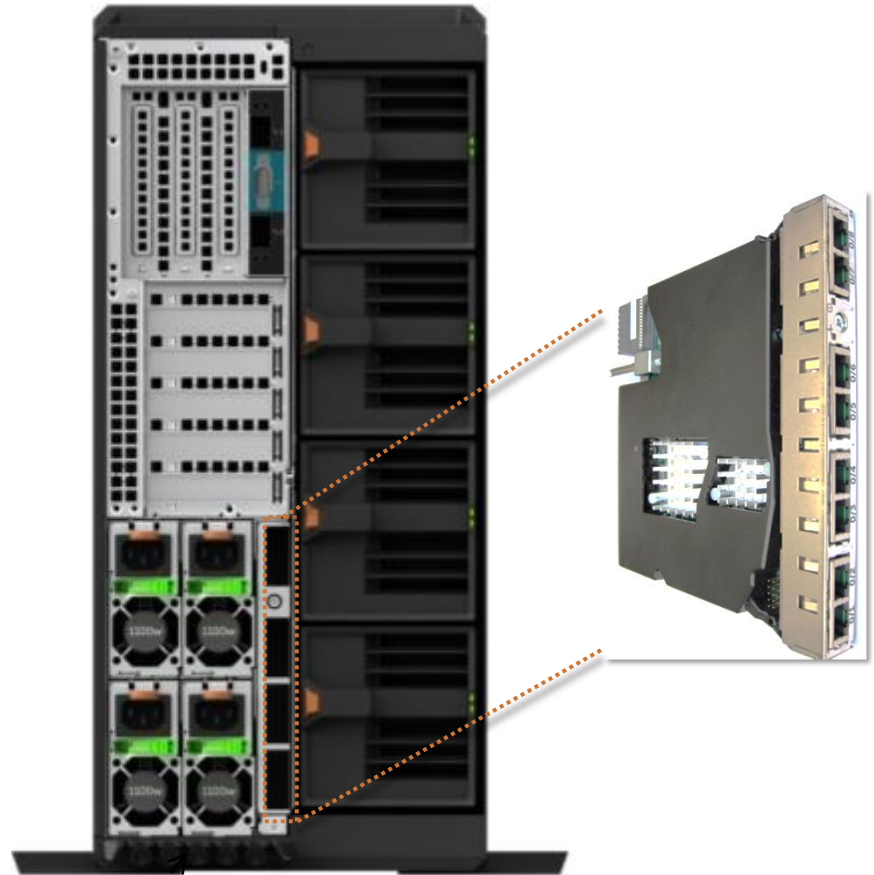
Simplified and fast networking

The most efficient input and output

Expandable
& flexible

Internal, with
low latency

Efficient
& internal



Drive performance with VRTX server nodes

Proven PowerEdge server nodes deliver workhorse performance and density without compromise

- Feature-rich, 2-socket, half-height M520 & M620 server nodes combine superb performance with exceptional flexibility
 - M620 – 50% more memory than nearest competitor for greater consolidation and virtualization
 - M520 – outstanding platform for mainstream business applications
- No compromise, enterprise-class high availability features
 - First to market with dual SD cards for redundant hypervisors
 - Many RAID options tailored to specific needs
 - Optional hot plug and swappable power supply units, HDD's and fans in the VRTX chassis
- Comprehensive, intelligent systems management



PowerEdge M620



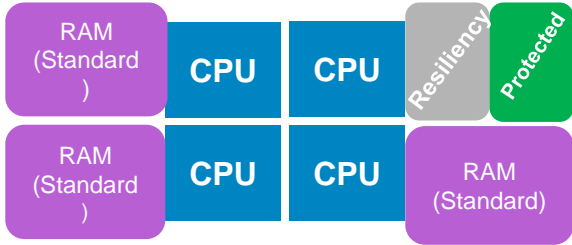
PowerEdge M520



Dell Exclusive Features!

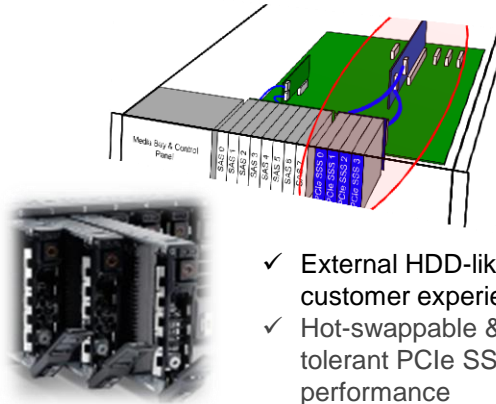
Dell PowerEdge features available for your E5-2600v2 environment!

Dell Fault Resilient Memory



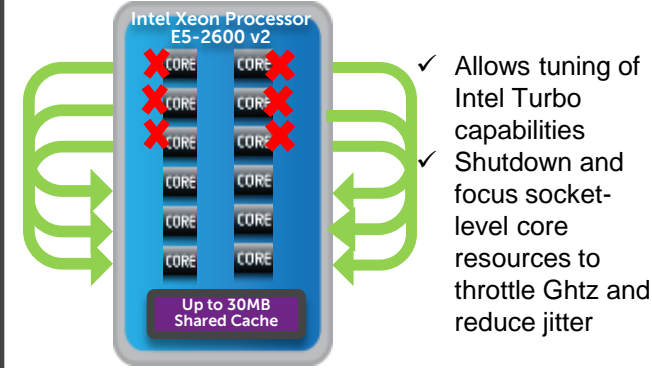
- ✓ Protected memory zone for VMWare
- ✓ Works with vSphere 5.5 Reliable Memory Technology

Dell Express Flash



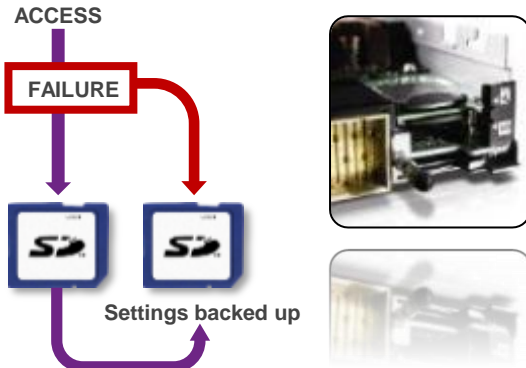
- ✓ External HDD-like customer experience
- ✓ Hot-swappable & fault tolerant PCIe SSD performance

Dell Processor Acceleration Technology



- ✓ Allows tuning of Intel Turbo capabilities
- ✓ Shutdown and focus socket-level core resources to throttle GHz and reduce jitter

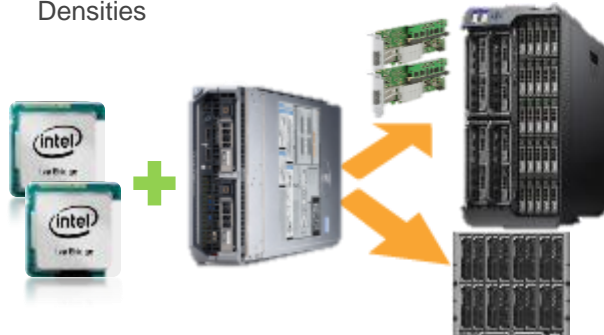
Fail-Safe Virtualization



- ✓ In combination with FRM, provides unsurpassed industry protection for virtual machines!

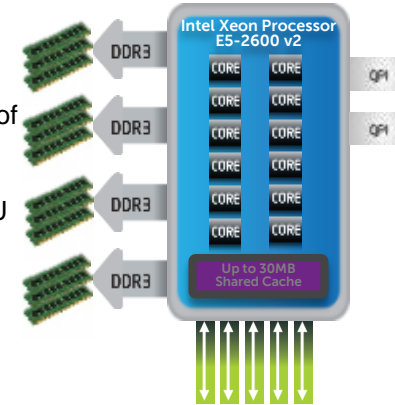
PowerEdge VRTX

- ✓ Deployment flexibility into converged infrastructures designed for both Small and Medium Business (VRTX) as well as Large Datacenters (M1000e)
- ✓ Industry leading Compute + PCIe Solution Densities



Leading Blade Memory Densities

- ✓ All the density, none of the compromises with 24 DIMMs of DDR3 memory
- ✓ 3xDIMMs per channel & a 10U chassis? Only with Dell!



Simplified management of everything

Comprehensive, simple and efficient



Chassis Management Controller

Reduces management **complexity** of servers, storage, networking and power in a single console



Dell OpenManage Essentials

Simple and efficient link and launch element management and technical support



Geographic View

The first geographic **location view for remote offices:**
Rapid, at-a-glance identification of remote systems and health status



VRTX acoustics

Value measured at your ears		Equivalent familiar noise experience
LpA, dBA, re 20 µPa	Loudness, sones	
90	80	Loud concert
75	39	Data center, vacuum cleaner, voice must be elevated to be heard
60	10	Conversation levels
45	4	Whispering, open office layout, normal living room
35	2	Quiet office
30	1	Quiet library
20	0	Recording studio

PowerEdge VRTX with Standard M620	45
PowerEdge VRTX with "Enhanced Acoustics" M620 &/or all M520s	35





The power to do more