



Dell Active System 200

Intermediate, scalable system for general application needs

Today, many IT organizations are struggling to deliver services fast enough for business demands, lack sufficient budget and personnel to deliver on critical business initiatives, and are challenged to predictably deliver high quality services that the business demands. IT organizations are increasingly turning to converged infrastructure platforms, which enable faster infrastructure deployments with fewer issues, lower the cost of running critical workloads, and simplify ongoing systems management. Dell™ converged infrastructure portfolio, Active Infrastructure, combines pre-validated workloads, pre-integrated systems, and unified management to provide integrated systems that allow IT to accelerate service deployment, maximize data center efficiency, and strengthen IT service quality. The key to Active Infrastructure is Dell pre-integrated Active Systems, including the Active System 200, which are pre-engineered, pre-built, and pre-tested to accelerate time to value of new data center infrastructure, improve IT efficiencies, lower implementation risk, and enable future proof scalability.

Active System 200

Active System 200 is a pre-integrated system featuring scalable rack based infrastructure. It is an ideal platform for supporting small to medium private clouds and applications, such as Microsoft™ SQL and Unified Communications & Collaboration, as well as providing a self-contained disaster recovery platform for remote or branch offices.

Unified Management

Active System 200 offers single console management with Active System Manager (ASM), which automates workload delivery and end-to-end converged infrastructure management. It centralizes and automates key data center operations, enables higher utilization of staff and infrastructure resources, and improves accuracy and flexibility to adapt to planned and unplanned events.

All-in-One Integrated System

Active System 200 has been designed using enterprise class best practices, ensuring a rock solid platform for application deployment. It is a pre-built, pre-engineered, and pre-validated infrastructure platform including

servers, storage, networking, power, cabling, rack, and management software, which streamlines system procurement and accelerates time to value for new infrastructure. Active System 200 scales up through the addition of compute/storage capacity within an existing rack.

Deployment and Integration Services Included

Active System 200 is installed, cabled, configured, and integrated by Dell Services, ensuring a fully functioning platform in days versus months with custom designed and integrated infrastructure. Dell Global Integration & Consulting services are optionally available for advanced planning, design, and implementation needs.

Integrated Support Model

Dell ProSupport™ is included for both the overall platform and individual infrastructure components. This allows system administrators to resolve problems faster with fewer support handoffs, and reduce unforeseen issues associated with multi-vendor solutions. Enhanced asset and warranty management are optionally available.

Active System 200 Technical Specifications

Infrastructure	
Compute	<ul style="list-style-type: none"> • 2-7 Dell PowerEdge™ R720 servers • 32-112 CPU processing cores; 256-896GB of memory
Storage	<ul style="list-style-type: none"> • 1-3 Dell EqualLogic™ PS6100 Series iSCSI SAN arrays • 21.6TB raw capacity standard (expandable to 86.4TB)
Networking	<ul style="list-style-type: none"> • 2 Dell Force10 S4810 10/40 top-of-rack switches • 1 Dell Force10 S55 management switch
Datacenter Infrastructure	<ul style="list-style-type: none"> • Dell 42u datacenter rack including PDU • Power – 6421W default (expandable to 7121W) • Cooling – 11014 BTU p/hr base (max of 24298)
Additional Components	<ul style="list-style-type: none"> • Dell PowerEdge R420 management server* • Dell Keyboard/Video/Mouse (KVM) console* • Uninterruptable Power Supply (UPS)*
Services & Support	<ul style="list-style-type: none"> • Initial deployment services • Dell ProSupport for 3 years • Dell IT consulting services
Software	
All editions	<ul style="list-style-type: none"> • Active System Manager 7.1 • Dell EqualLogic SAN HeadQuarters (HQ) • Dell OpenManage™ Essentials
Active System 200v edition	<ul style="list-style-type: none"> • VMware™ vCenter 5.1 (trial license) • VMware vSphere 5.1 (trial license) • Dell Management Plug-in for VMware vCenter* • Dell EqualLogic HIT/VE Plug-in for vCenter* • VMware vCloud Connector*
Active System 200m edition	<ul style="list-style-type: none"> • Microsoft Windows Server 2012 Hyper-V • Microsoft System Center Virtual Machine Manager
Active Solutions available on Active System 200	<ul style="list-style-type: none"> • Active System 200 for Microsoft Private Cloud • Active System 200 for Citrix XenDesktop • Active System 200 for VMware View • Active System 200 for Microsoft VDI • Active System 200 for Microsoft Sharepoint

* Optional components

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