

H-class DH200 storage system

Unified 10 Gigabit Ethernet storage for databases, Windows servers, and SMB virtualization



Key Features

- Unified iSCSI SAN and NAS system
- Up to 84 TB using SATA, SAS, and SSD
- Quad 10 Gigabit Ethernet ports
- 4 GB of dedicated policy-based cache
- Supports 6 Nimbus SM120 expansion modules
- Cut storage costs by 60% through consolidation
- Perfect for SQL Server, Exchange, and VM's
- Simple installation and setup in 20 minutes
- Enterprise-grade HALO Storage OS
- Comprehensive data protection

10 GbE Unified Storage Goes Mainstream

The DH200 sets the new standard in IP storage for growing enterprises by uniting 10 Gigabit Ethernet, dynamic storage tiers, and SAN + NAS in one simple, elegant, and efficient storage system. With 10 GbE adoption accelerating, the DH200 brings 10 GbE storage mainstream with quad load-balanced 10 GbE ports and dual SAS expansion links. FlexScale technology enables up to 84 SATA, SAS, and SSD drives to be integrated side-by-side, providing optimal storage tiers for any application on one system. With iSCSI, NFS, and CIFS protocols, the DH200 offers seamless SAN and NAS features through one easy-to-use web interface. Intelligent all-inclusive HALO software provides enterprise-class data protection with the simplicity of an appliance. With the DH200's versatility, organizations can reduce storage expenditures by 60% by retiring single-purpose arrays, eliminating software license fees, and reducing energy, IT administration, and capacity costs.

Nimbus H-class DH200 Specifications

Connectivity	<p>Network Ports Storage Expansion Ports Management Port Datamover Port</p>	<p>4 x 10 Gigabit Ethernet (SFP+, XFP, or CX4) 2 x 12 Gbps SAS (SFF-8088) 1 x Gigabit Ethernet (RJ-45) 1 x Gigabit Ethernet (RJ-45)</p>
Storage	<p>Built-in Drives Maximum Expansion Modules Maximum Drives Maximum Capacity</p>	<p>12 hot-swap SATA, SAS, or SSD drives 6 x Nimbus SM120's 84 84 TB SATA, 37.8 TB SAS, or 10.8 TB SSD</p>
System	<p>Software Internal Bandwidth Processor Cores Dedicated Cache Redundant Components</p>	<p>Nimbus HALO storage operating system 60 Gbps 8 4 GB Power supplies, fans, 10 GbE controllers</p>
Platform Support	<p>Operating System Support Virtualization Support</p>	<p>Windows Server 2003/2008, Windows Vista, Linux, Solaris, HP/UX, Netware, AIX VMware ESX Server, Citrix XenServer, Microsoft Hyper-V, Virtual Iron</p>
Efficiency	<p>HDD Storage SSD Storage Density</p>	<p>As low as 19 W per managed TB As low as 8 W per managed TB Up to 6 TB per rack U</p>
Dimensions	<p>Height Width Depth Weight (maximum)</p>	<p>2 EIA Units (3.46 in or 87.9 mm) 17.6 in or 447 mm 27.83 in or 706.9 mm 70.4 lbs or 32 kg</p>
Power	<p>Voltage Frequency Electrostatic Discharge</p>	<p>100 - 240 VAC 48 - 62 Hz 15 KV per test specification</p>
Environmental	<p>Ambient Temperature Relative Humidity Altitude Acoustics</p>	<p>Operating: 5 to 35 °C, Non-operating: 1 to 50 °C Operating: 10% to 80% non-condensing Operating: 0 to 2,133 m, Non-operating: -305 to 12,192 m < 7.0 BA in idle state at 23 °C ambient temperature</p>
Shock & Vibration	<p>Operational Shock Operational Vibration Non-operational Shock Non-operational Vibration</p>	<p>5G for 10ms Random 0.21 grms 5-500 Hz 30G for 10ms Random 1.04 grms 2-200 Hz</p>
Agency Approvals	<p>UL and cUL listed. Tested to UL 60950. FCC Class A. Certified Body Certificate and Report to IEC60950. CE marked to requirements of Low Voltage Directive 73/23/EEC and Electromagnetic Compatibility Directive 89/336/EEC.</p>	
Warranty & Support	<p>Bronze, Silver, and Gold support plans are available. All support plans include a free software subscription (maintenance releases and new features).</p>	

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