



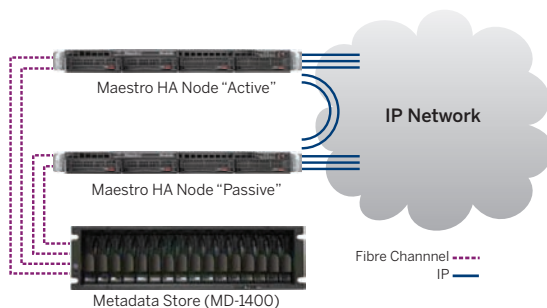
MAESTRO FILE MANAGER-HA™

High Availability Specifications Sheet

The Maestro File Manager family of products can be installed in a variety of storage system configurations to meet the diverse demands of today's enterprises and to ensure the end-users get the most flexibility and scalability from their existing, heterogeneous storage environments.

The Maestro File Manager-HA (High Availability) Cluster solution uses two FM-6100 nodes operating in an active/standby clustered configuration with redundant connections to an external Metadata Store (MD-1400) and between each other. This highly scalable external metadata architecture dramatically increases availability and is expandable to multiple cluster nodes.

The Metadata Store is a highly redundant system which includes robust self-healing and utilizes a RAID-5 configuration. In the event of a failure of the active system, the passive device automatically assumes its IP address and continues serving clients without requiring intervention of System Administrators.



Maestro HA Node (FM-6100)

- **Protocol Support**
 - CIFS Protocol Support
 - Active Directory and ACL Support
 - Name Service (DNS) Client
 - SNMP V1
 - Unicode Support
 - Kerberos Authentication
- **Connectivity**
 - Six 1 Gb/s Ethernet LAN Ports
- **High Availability**
 - Hardware RAID 1 Mirrored Boot Disk
 - Hot Swappable Disk Drives
 - Hot Swappable Redundant Power Supplies
- **Mechanical and Environmental**
 - 19" Rack-mount, (H x W x D): 1.75" x 17" x 25.6" (1U)
 - Weight: 50 lbs.
 - Operating Temperature: 10° to 35° C
 - Relative Humidity: 8% to 90%, Non-Condensing
 - Input Voltage: 100–240V AC, 50 to 60Hz
 - Power Consumption: 460 Watts (max.)
- **Certifications**
 - Safety: UL; CUL; TUV; EN/EIC 60950; CE Mark
 - EMC: FCC Part 15 Class A; EN55022 Class A; CISPR 22 Class A
 - EMI: EN55024/CISPR 24

Metadata Store (MD-1400)

- **Capacity**
 - Five Hot Swappable Fibre Channel Drives (max. 16)
 - RAID 5 with Active Hot Spare
 - Standard Metadata Capacity: 876 GB
- **Connectivity and Performance**
 - Dual Active Controllers
 - Four 4 Gb/s FC Host Channels
 - 2 GB Mirrored Controller Cache with Battery Backup
- **Continuous Availability**
 - Fully Redundant Data Paths with Automatic I/O Path Failover
 - Redundant, Hot-Swappable Storage Controllers, Disk Drives, Power Supplies, Cooling Fans, Cache Batteries
 - Online Microcode Upgrade
- **Mechanical and Environmental**
 - 19" Rack-mount: (H x W x D): 5.13" x 17.60" x 22.20" (3U)
 - Weight: 87 lbs.
 - Operating Temperature: 10° to 35° C
 - Heat Dissipation: 1521 BTU/HR
 - Power Consumption: 446 Watts (max.)
- **Certifications**
 - Safety: UL, CSA, IEC, EN60950, NEMKO
 - EMC/EMI: FCC Class A, VDE, CISPR, VCCI
 - WEEE and RoHS Compliant

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