

Galaxy[®] Aurora

Application tested with AJA, Black Magic, Matrox, Blue Fish, Final Cut Pro, AVID
Premiere, DaVinci, Assimilate, Autodesk, Iridas, and Digital Vision

- Rackmounted 24 bay RAID with 8Gb Fibre Channel [FC] or Infiniband [IB] Host Connections
- 2000MB/s+ Bandwidth on 1, 2, or 4 ports of 8Gb FC or IB
- Supports Multiple Uncompressed HD streams or 2K film bandwidth
- Supports both IB and 8Gb FC simultaneously within the same storage appliance
- Can be configured as Direct Attached or SAN storage appliance
- 12-22TB of usable storage capacity with RAID 6 protection
- Next Generation SAS / SATA Backplane Technologies supports the largest and fastest disk drives available
- Failed drive reporting and Auto-rebuild while maintaining peak data bandwidth performance; cold spare maximizes online capacity
- Embedded Web based GUI used for monitoring status and troubleshooting
- The Galaxy[®] Aurora supports various multiple workstations in a SAN without expensive Switches and has compatibility with SAN Software including XSAN, CommandSoft, StorNext and MetaSAN



Extreme Performance...Simplified

Aurora's Design and Management

The Galaxy[®] Aurora comes as 4RU RAID Storage SAN Ready Subsystem Appliance with 24 drives. Each Aurora supports up to 22TB of usable Seagate drives in field replaceable canisters. 1, 2, or 4 port 8Gb FC or 2 20Gb IB I/O ports provide connectivity to multiple Post production work stations, Film Scanners and Color Correction systems either directly or via SAN topology

Powerful parallel processors, RAID 6 hardware-accelerated storage engine, innovative Distributed Shared Memory architecture and our patent pending EOS RAID Engine Software is the power behind Aurora and includes:

- RAID 6 ECC algorithms
- Advanced storage administration applications
- Multi SAS / SATA drive configurations
- Enterprise level backplane
- 8Gb Fibre Channel and InfiniBand drivers
- Embedded error and status monitoring systems
- Email error notification
- Web-based GUI
- Hot Swap Drives and Power Supplies
- Integration with StorNext, XSAN, CommandSoft, and MetaSAN SAN Managers

Workflow Capabilities

Galaxy[®] Aurora can be configured as direct attached or SAN storage in your post production or film editing facility. Aurora's versatile connectivity adds unique capabilities when partnered with SAN management software. Here are just some of the major benefits:

- High speed data sharing that dramatically boosts I/O performance and enables faster project completion
- Galaxy[®] Aurora's bandwidth can support Windows, MAC or Linux clients with a dual stream of 2K material or multiple streams of HD material
- Configured with multiple 8Gb FC connections, up to 4 clients can directly connect, eliminating an expensive FC switch and cabling
- Bandwidth of SAN workstations are easily handled by this RAID, even when the RAID is in degraded mode
- SAN Managers' Volume Locking or Full File Locking protects concurrent read/write access by all attached clients
- Heterogeneous data sharing amongst the broadest range of OS platforms that include Win2008, Vista, Win2003SVR, MAC OSX and Linux

The Galaxy[®] Aurora, with its Multi-Stream HD or 2K stream performance, Quad 8Gb FC or dual 20 Gbit InfiniBand ports, RAID 6 protection and SAN compatibility, backed by Rorke Data's service and support offers a new price performance point to the Post industry. With its extreme performance and simplified architecture, Galaxy[®] Aurora offers the best value for your Next Generation Post Facility.