

# BlueStor™

## Rapid Encode Video Server



The **BlueStor™** Rapid Encode Video Server melds the finest of all available technologies and is designed expressly for modern digital content creation. Never before has a single product included the feature set included in **BlueStor™**, from the highest performance processors and finest graphics card to the 16 hot-swappable 3.5" RAID storage system (up to 64TB capacity) with transfer rates of up to 1800 MB/s. Also featuring an internal high performance BluRay R-W optical drive and a 19-in-1 Media reader, **BlueStor™** allows more data I/O options than any product ever offered.

Aimed at supporting complex work flow operations the **BlueStor™** Rapid Encode Video Server meets the industry's most demanding needs. The server is fully SES 2.0 compliant and provides real-time disk activity/failure status for every drive bay as well as physical user interface controls and indicators for power and cooling status with visible and audible alarms, plus front-panel power and reset switches. The RAID controllers provide RAID levels 0/1/4/5/6/40/50/60, DVRAID, N-Way mirroring and global hot spares, plus automatic RAID rebuild, online capacity expansion and RAID group partitioning, with an easy-to-use GUI for RAID management and configuration.

The **BlueStor™** exclusive (JMR designed and developed) backplane and SAS Expander technology are second to none in signal integrity, drive vibration dampening, and disk drive cooling to assure maximum performance and the longest operating life.

Proudly made in the USA and built to last, the JMR Rapid Encode Video Server delivers modularity and performance reliably, saving time and money for your Professional and Enterprise needs.

## Features:

- 4U 16-Bay SAS/SATA Storage Server
- Up to 64TB Capacity
- Dual Internal 6G SAS Expanders
- Dual PCIe 6G SAS RAID Controllers
- Redundant (N+1) Hot Swap Power Supplies
- Redundant (N+1) Hot Swap, Thermostatically Controlled Cooling Elements
- Dual Eight Core Intel Sandy Bridge CPUs
- 4GB DDR3 ECC Memory 16GB (Up to 192GB)
- Digital Rapids Stream Video Module
- Blu-ray Optical Disk Drive (Writer)
- 19-in-1 Media Reader
- eSATA I/O Port
- Dual GigE Ports
- Rack Mount Kit and Hardware Included

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**Board Options:**

- DRC 5600
- DRC 2600
- DRC 1600
- DRC 1400
- DRC 1000
- DRC 500
- StreamFE 3.0 Licence
- Deck Control for LE
- Stream BOB
- Stream Cable Option
- DualChannelConnector

**Codec Options:**

- Format Expansion Bundle
- DRC Studio AVC Encoder
- MXF Import/Export
- DRC AVC for Flash
- DVC Pro
- DNH HD
- 3GPP Encoder for Mobile
- Mpeg Upgrade

**Specifications subject to change without notice.**

**Dimensions/Weight**

Unit Weight	51lbs. (23.13kg)	Height 6.9" (4U) (177.04kg)
Width	17.42" (422mm)	Depth 25" (635mm)

**JMR Electronics, INC.**

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**INNOVATORS IN STORAGE TECHNOLOGIES**

