XSR NAS DOCK

Powerful Solution — High Performance

The XSR NAS Dock is built in a small form factor server chassis, and it provides a powerful solution for making the data available to the end user. Data can be accessed directly by read/write to the RDM or it can be copied to a connected external network or server. The built-in RDM docking station provides direct access to the four SSDs in the RDM through individual 6.0 Gbps SATA links for over 1500MB/s sustained read/write speeds.

Intel Xeon processor options, including the latest 9th generation, are supported with 4x 16GB SDRAM supporting ECC.

The XSR Removable Data Module (RDM) fits all of Galleon's XSR data recorders, NAS and servers, thus providing an extremely flexible storage solution to suit the target application. The RDM can be exchange in the field in seconds, with no tools required.

The XSR NAS Dock is capable of handling a high number of simultaneous connections without compromising system performance.

The unit can be delivered with Linux Enterprise Server or FreeNAS SW preconfigured to suit your application needs.

The XSR NAS Dock can perform full disk encryption in software to access RDMs encrypted on XSRs with the Galleon hardware encryption module. This feature is only available on systems running Linux Enterprise Server.

Galleon Embedded Computing's quality management system is certified to Aerospace Standard AS/EN 9100 and ISO 9001.

EASY DATA ACCESS & DISTRIBUTION

APPROVED
CSfC
COMPONENTS LIST
COMMERCIAL SOLUTIONS
FOR CLASSIFIED

COMMON CRITERIA
CERTIFIED

NIAP-Approved Dual-Layer Software Full Disk Encryption (SWFDE) & Hardware Full Disk Encryption (HWFDE)

KEY FEATURES

- Easy access to data
- Front loaded RDM docking station
- Dual 10 Gigabit Ethernet

APPLICATIONS

- Flight test
- Missile test
- Radar data recording
- High speed sensor data capture
- Geological survey and seismic
- Physics research

BENEFITS

- No tool required
- High performance
- High capacity

NIAP-Approved Dual-Layer Software Full Disk Encryption (SWFDE) & Hardware Full Disk Encryption (HWFDE)

Chassis
- Small form factor server chassis

CPU & Memory
- Intel® Xeon®-D processor optimized for NAS operation
- 4x 16GB RAM
- ECC memory

Interfaces
- 2x 10GBASE-T (RJ45)
- 1x VGA
- 4x USB 2.0 (2 rear, 2 front)
- 1x RDM Docking Bay

Storage
- Supported file systems: EXT4, UFS, FAT, NTFS
- Exported file systems: SMB/CIFS, NFS, AFP, FTP, HTTP and rsync

Data Security
- SWFDE using XTS-AES 256bit (option)

Monitoring
- SMART
- SNMP
- Syslog

Power Supply
- 220W PSU
- 100-240V AC

Size
- 220.5 x 226.1 x 324.1 mm

ABOUT GALLEON

Galleon Embedded Computing is an innovative leader in development of high-performance, high-quality storage solutions and small rugged data recorder systems, servers and NAS devices.

Galleon's offerings span from commercial grade products for benign environments to ruggedized conduction-cooled products for deployed systems in severe environments.

Galleon Embedded Computing

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