



Description

The T6211 is a network attached storage (NAS) system in a compact 2U rack mount chassis. Part of our line of storage appliances, the T6211 NAS System is recommended for high availability requirements of critical data storage applications. It allows multi-user access to critical data repositories through a network attached topology, while providing full data redundancy in a RAID 5 configuration.

RAID 5 provides 100% data recovery despite the loss of one of the four drives. Each system platform can be replicated and mounted at various physical locations for redundancy at the network level. Multiple clients using this network attached topology share critical data simultaneously for real time interaction. The shared storage model reduces overall system cost in spares, repairs and excess drive capacity. Front panel drive removability allows for easy capacity upgrade and repair and the system also accepts solid state drives. With front panel hot swappable drives, the T6211 provides seamless drive to drive or board to board failover, replacement and data synchronization while the application runs without interruption.

Main Features

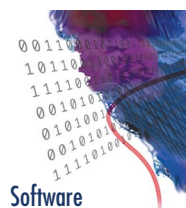
- Up to 2.5 TB of data storage in two 6U slots
- Multi user boot and data storage capability
- RAID 5 – distributed parity for data redundancy
- Instantaneous and automatic and seamless drive failover with no application level disruption
- Front panel removable 2.5" SATA drives for low mean time to repair
- Storage system management via SNMP or web browser
- Rear I/O via rear transition module

Applications

The RAIDStor lends it self to a wide number of applications:

- Active/Standby NAS solution
- Boot server
- Distributed storage in PICMG 2.16 & VITA 31.1 switched fabric applications
- Embedded file server
- Network centric applications
- Redundant self hosted web server
- Redundant storage repository
- Transaction processing and logging
- Embedded military applications

ACT/Technico™ brand of Embedded Computing Products



T6211 RAID NAS System

RAID based Network Attached Storage Appliance

System Features

- Up to 2.5 TB of data storage in two 6U slots using rotating drives
- Multi user boot and data storage capability
- RAID 5 – distributed parity for data redundancy
- Instantaneous and automatic and seamless drive failover with no application level disruption
- Four front panel hot swappable 2.5" drives for low mean time to repair
- One DVD drive for OS or data download
- Storage system management via SNMP or web browser
- Rear I/O:
 - 4 Gig E RJ45 ports
 - 4 USB ports
 - 4 DB9 serial ports
 - 4 RJ45 serial ports
 - System reset button

Chassis Features

- Airflow: front air intake / rear exhaust
- 250W Power One Plug in power supply with +5V@40A, +3.3V@40A, +12V@5.5A, -12V@1.5A outputs located to the right of the card cage, front removable
- AC input 902-264VAC input with PFC
- Measures 2U tall by 19" wide x 12" deep
- Flush front horizontal card cage and flush horizontal rear card cage
- Front removable fan tray with 12VDC fans
- On/Off switch, AC inlet/filter/fuses in rear of chassis
- Air blockers available for unused slots

The RAIDStor blades are also available on a VME platform for environments requiring conduction cooled blades.



Environmental Specifications

- Temperature: 0°C to +50°C operating
-20°C to +70°C storage
- Humidity: 5% to 95% non-condensing operating and storage
- Shock: 5 Gs @ 11ms, operating
10 Gs @ 11ms (per ASTM 0775) storage
- Vibration: 1.0 Gs @ 10 to 330 Hz operating
1.2 Gs @ 5 to 330 Hz storage

T6211 RAID 5 NAS System

Elma's line of RAID storage products and appliances includes:

- Rugged systems based on solid state drive technology
- RAID 0 and RAID 1 configurations
- Systems with up to 2.5 TB of storage capability
- Custom built systems to meet your specific requirements
- Front panel hot swappable drives for fast MTTR (mean time to repair)

Ordering Information

Model Number: S39C6BR2YXXXNXN-ST1

Contact one of our Embedded Computing Architects to discuss specific requirements and learn about other integrated system solutions or visit our [website](#) for details.



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