



Design and built with  
  
**OEM Solutions**

XNAS		Datasheet
<b>CPU</b>	Intel Xeon E-2300 series processor with up to 8 cores	
<b>Memory</b>	Four DDR4 DIMM slots, supports UDIMM 128 GB max, speeds up to 3200 MT/s Supports unregistered ECC DDR4 DIMMs only	
<b>Storage</b>	RAID-Z (RAID-Z1, RAID-Z2, RAID-Z3), Stripe, Mirror, Hot Spare, Snapshots and Clones	
<b>Drive Bay</b>	Front bays: Hot-swappable <ul style="list-style-type: none"> <li>• Up to 4 x 3.5-inch SAS/SATA (HDD/SSD) max 64 TB</li> <li>• Up to 8 x 2.5-inch SAS/SATA (HDD/SSD) max 128 TB</li> </ul>	
<b>Form Factor</b>	1U rack server	
<b>Power Supplies</b>	600W Platinum 100-240 VAC or 240 VDC redundant, hot swap	
<b>Cooling options</b>	Air cooling	
<b>Front Ports</b>	<ul style="list-style-type: none"> <li>• 1 x iDRAC Direct (Micro-AB USB) port</li> <li>• 1 x USB 2.0</li> </ul>	
<b>Rear Ports</b>	<ul style="list-style-type: none"> <li>• 1 x USB 2.0</li> <li>• 1 x USB 3.0</li> <li>• 1 x iDRAC ethernet port</li> <li>• 1 x Serial port</li> <li>• 1 x VGA</li> </ul>	
<b>PCIe</b>	3 PCIe slots	
<b>Dimensions</b>	<ul style="list-style-type: none"> <li>• Height – 42.8 mm (1.69 inches)</li> <li>• Width – 482 mm (18.98 inches)</li> <li>• Depth – 585.3 mm (23.04 inches) without bezel 598.94 mm (23.58 inches) with bezel</li> </ul>	
<b>Embedded NIC</b>	2 x 1 GbE LOM	
<b>Network Options</b>	10G Base T, 10/25G SFP, Optional via PCIe expansion card	
<b>File Sharing Protocols</b>	<ul style="list-style-type: none"> <li>• SMB (CIFS) for Windows</li> <li>• NFS for Unix/Linux</li> <li>• FTP, SFTP, WebDAV for file transfer</li> <li>• Secure private, on-premises and cloud file sharing, collaboration &amp; file versioning*</li> </ul>	
<b>Backup Integration</b>	<ul style="list-style-type: none"> <li>• Cloud backup support (Amazon S3, Google Cloud Storage) via plugins</li> <li>• Remote replication using encrypted transport</li> </ul>	
<b>Web-Based GUI</b>	<ul style="list-style-type: none"> <li>• Comprehensive system health monitoring (disk status, pool health, network activity)</li> <li>• Advanced user and permission management</li> <li>• Real-time resource graphs (CPU, memory, disk I/O)</li> </ul>	

## XNAS

**Standard support** Online / Onsite next business day, 36 months

**Command-Line Interface (CLI)**

- Full control over system configuration and management via SSH
- AZFS administration with CLI utilities

**RESTful API**

- Programmatic access to XNAS for automation
- JSON-based API for integration with third-party applications

**Security**

- Cryptographically signed firmware
- Secure Boot
- Secure Erase
- Silicon Root of Trust
- System Lockdown (requires iDRAC9 Enterprise or Datacenter)
- TPM 1.2/2.0 FIPS, CC-TCG certified, TCM 2.0 optional Asynchronous data replication for disaster recovery

**Note**

- XNAS is based on Dell Poweredge servers
- L1 support can be taken from Dell as well using service tag on server
- Warning: Using unsupported modules may degrade performance, cause errors, or prevent the operating system from starting.
- Customer is advised to ensure a data backup policy is in place.
- Xloud reserves the right to replace partial parts or accessories if the original is no longer available from its manufacturer/supplier.
- \*XNAS is based on technologies like TrueNas, Openmediavault, Unraid, nextcloud support for these technologies will be provided by Xloud and not the software OEM.
- Any replacement would be fully tested and verified to meet strict compatibility and stability guidelines and will deliver identical performance to the original.
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