XNAS	Datasheet

CPU	Intel Xeon E-2300 series processor with up to 8 cores
Memory	Four DDR4 DIMM slots, supports UDIMM 128 GB max, speeds up to 3200 MT/s Supports unregistered ECC DDR4 DIMMs only
Storage	RAID-Z (RAID-Z1, RAID-Z2, RAID-Z3), Stripe, Mirror, Hot Spare, Snapshots and Clones
Drive Bay	Front bays: Hot-swappable • Up to 4 x 3.5-inch SAS/SATA (HDD/SSD) max 64 TB • Up to 8 x 2.5-inch SAS/SATA (HDD/SSD) max 128 TB
Form Factor	1U rack server
Power Supplies	600W Platinum 100-240 VAC or 240 VDC redundant, hot swap
Cooling options	Air cooling
Front Ports	• 1 x iDRAC Direct (Micro-AB USB) port • 1 x USB 2.0
Rear Ports	• 1 x USB 2.0 • 1 x USB 3.0 • 1 x iDRAC ethernet port • 1 x Serial port • 1 x VGA
PCIe	3 PCIe slots
Dimensions	• Height – 42.8 mm (1.69 inches) • Width – 482 mm (18.98 inches) • Depth – 585.3 mm (23.04 inches) without bezel 598.94 mm (23.58 inches) with bezel
Embedded NIC	2 x 1 GbE LOM
Network Options	10G Base T, 10/25G SFP, Optional via PCIe expansion card
File Sharing Protocols	• SMB (CIFS) for Windows • NFS for Unix/Linux • FTP, SFTP, WebDAV for file transfer
Backup Integration	• Cloud backup support (Amazon S3, Google Cloud Storage) via plugins • Remote replication using encrypted transport
Web-Based GUI	• Comprehensive system health monitoring (disk status, pool health, network activity) • Advanced user and permission management • Real-time resource graphs (CPU, memory, disk I/O)
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

XNAS

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. • 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, 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. • The terms HDMI, HDMI High-Definition Multimedia Interface, HDMI trade dress and the HDMI Logos are trademarks or registered trademarks of HDMI Licensing Administrator, Inc. • Product images are for illustrative purposes only and may differ from the actual product. Due to differences in monitors, colors of products may also appear different to those shown on the site. • Designs and specifications are subject to change without notice.