

Storage 60 bay

Supermicro X10DRL-i



A storage server, also known as a file server, is a type of server used to store, secure, and manage data and applications. This server is primarily built for storing and accessing data through the internet or over a shared network

This is TrueNAS Open Storage. More than a traditional "Network Attached Storage", TrueNAS is Unified Storage that integrates seamlessly into any environment with a variety of file, block, or object access protocols.

TrueNAS SCALE includes the ability to scale-out storage with capacities of up to hundreds of Petabytes. Just like TrueNAS CORE, TrueNAS SCALE is designed to be the most secure and efficient solution to managing and sharing data over a network, from smaller home networks "scaled" up to massive business environments.

Features:

- Base Operating System: FreeBSD or Linux
- Storage Services:
 - File: SMB v1/v2/v3, NFS v3/v4, FTP, WebDAV, rsync
 - Block: iSCSI with VAAI support
 - Object: S3-Compliant API, Minio single node, Cloud Sync
- System Management: SNMP, Syslog, REST API, GUI
- Directory Services: Active Directory, Google 2FA, Kerberos, LDAP, Local users and groups
- Supported Clouds: iX-Storj, Amazon S3, Ms Azure, Google Cloud, BackBlaze B2



①. Switch Components

②. HDD Tray

Specifications:

| | |
|--------------|------------------------------------|
| CPU | : Intel Xeon 8C/16T 2.6-3.4GHz |
| Architecture | : CPU 64-bit |
| Memory | : DDR4 ECC 32GB |
| Drive bay | : 60 bays 6Gb/s Expander |
| HDD Type | : SAS/SATA 3.5" or 2.5" |
| Form Factor | : 6U / 65CM |
| Network | : Dual GbE LAN and KVM over LAN |
| Storage | : SSD 240GB boot operating system |
| Power Supply | : 1200watt Single PSU |
| Form Factor | : 6U Rackmount |
| Dimension | : 650mm(D) x 437.5mm(W) x 265mm(H) |

Optional:

| | |
|-----------|--------------------------------------|
| OS system | : TrueNAS - Network Attached Storage |
| Warranty | : Extend 3 years |

Applications:

A NAS system is a storage device connected to a network that allows storage and retrieval of data from a centralized location for authorized network users and heterogeneous clients. NAS systems are flexible and scale-out, meaning that as you need additional storage, you can add on to what you have.

NAS is purposed for Analytics, Backup & Archival, Cloud, Data Mobility, File Sharing, Media Creation, Surveillance, Virtualization.

Distributed by.

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