EPT-DSS-T-05

DSS-T-05 NAS/iSCSI Tower

Features
NAS/iSCSI functionality with five SATA disks support
Support RAID levels 0, 1, 5, 6 with Email Notification
4x 1Gbps GbE host bandwidth, with 2x 3Gbps eSATA expansion
Web based Storage Management GUI for instant access
Hardware monitoring over ethernet for drive, CPU, RAID, etc.
Event Notification through SNMP

Dimensions (W x D x H)

mm : 177 x 311 x 280
inches : 7 x 12 x 11

DSS-T series NAS/iSCSI tower offers both NAS & iSCSI hybrid functionalities in a single system, providing users unparalleled flexibility by centralizing both file and block-level storage through IP network.

Based on the 45nm Next-Generation Intel® Atom™ Microarchitecture, EPT's DSS-T-05 series NAS/iSCSI RAID tower is a cost effective and power efficient IP-storage solution with targeted performance and low power consumption.

⬢ Unified File and Block-level Storage

- Support NAS and iSCSI functionality in a single system.

- IP based storage management combines NAS & iSCSI functionality for centralized storage and storage consolidation.

⬢ Ease of Management

- Web based Graphical User Interface (GUI) provides a centralized view of all data under management, adding efficiency and security over the web.

- Hardware monitoring over Gigabit Ethernet, for disk drives, CPU, memory, and more.

⬢ Cost Effective & Environmental Friendly

- File sharing, backup & recovery, storage consolidation, disaster recovery.

- Remote replication at block or volume level enables cost-effective disaster recovery.

- Power-efficient solution with Intel® Atom™ processor - the world's smallest size and lowest power processor.

⬢ Flexibility and Reliability

- Heterogeneous support for a broad range of network environment and protocols allowing data to be easily shared among different platforms.

- Reliable disk based backup and recovery, along with Snapshot capability enable fast and reliable backup and restore.

open-e 80 PLUS Green Solution intel Atom inside FC CE Serial Attached SCSI SERIAL ATA 3Gb/s RoHS

SPECIFICATIONS

GENERAL

RAID Engine	EPT Open-E® DSS Software RAID
Storage Processor	Dual Core Intel® Atom™ Processor 330 1.60 GHz, 533 MHz FSB, 1M Cache
Hybrid Technology	NAS/iSCSI
Host Interface	Quad GbE ports
Expansion Interface	2x eSATA
Memory	1G DDR2 533/667MHz SO-DIMM up to 4GB (2 x 2GB)
Drive Support	5 x 3.5" SATA

FUNCTIONALITY

NAS Features	Window Active Directory / Primary Domain Controller, Support for Network Information Service (NIS), Internal and External LDAP, ADS & NIS User / Group ID Synchronization, File System with Journaling Support, User and Group Quota Control
iSCSI Features	IP Address restriction for a Target, CHAP user Management, MPIO Support

ADMINISTRATION / MONITORING

Graphical User Interface	Web-based
Monitoring	Hardware, SNMP (v2, v3), Email Notification, Log Function

MANAGEMENT

Network Management	DHCP Client, Multiple Network, Interface Card Support, Teaming/Bonding (including Adapter Fault Tolerance), Proxy Setting, IP-sec, Jumbo Frame Support
Storage Management	Software iSCSI Initiator, Software RAID 0, 1, 5, 6 with Email Notification, Volume Support (2TB Physical & Logical, 16TB Logical) Multiple Snapshot, Multiple Logical Volume & Groups, Online Logical Volume Expansion, Support for Online Logical Volume Expansion, Volume Replication

OS SUPPORT

Supported Network Clients	Microsoft Windows, Unix, Linux, Mac OSX
Supported File Protocol	SMB/CIFS, FTP, Secure FTP, HTTP, Apple Talk, NFS v2/v3/v4

ELECTRICAL & ENVIRONMENTAL

Power Supply	250W Single 80+
Universal A/C Input	90VAC ~ 264VAC

PHYSICAL SPECIFICATION

Gross Weight	w/ PSU; w/o Disks		9kgs / 19.8lbs
Packaging Dimension (W x D x H)		mm	294 x 391 x 412
Cubic Feet			1.7
Reference Container Loading		20'	560
		40'	1150
		40' H	1380

Ordering Information

Part Numbers	Descriptions
EPT-DSS-T-05-BLK	NAS/iSCSI tower with 250W single 80+ power supply, 5x3.5 bays