

DATA SHEET

EnhanceRAID™ E400IP

Centralized iSCSI backup appliance



Product Overview

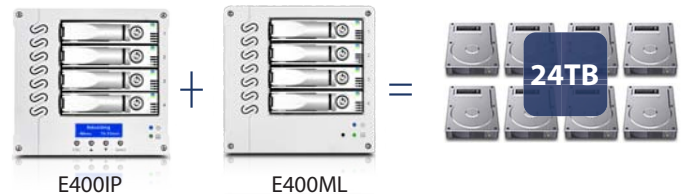
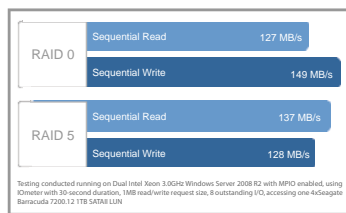
EnhanceRAID E400IP iSCSI SAN array offers SMB users a new level of performance, ease-of-use and functionality in a powerful, scale-out, desktop storage solution. Featuring a dual 1GbE iSCSI interface and cross-platform web management allows the EnhanceRAID E400IP to seamlessly integrate into any existing gigabit networks enabling users to leverage the value & flexibility of a virtualized storage environment at a fraction of the cost. Single-cable A third generation iSCSI storage controller provides around-the-clock RAID protection and robust management capabilities, all designed to ensure the highest level of data availability for today's business needs.

High-speed iSCSI Connectivity

Harness the power of a virtualized storage environment with the simplicity of a desktop hard disk. Two high-speed 1GbE iSCSI (Ethernet) ports deliver an excess of 100MB/s with full MPIO (Multi-Path I/O) support for maximum storage performance exceeding 150MB/s. Run your favorite applications and databases in real-time over standard Gigabit networks without the heavy "file-based" limitations of traditional NAS systems.

Scale-out Solution for Business

Equipped with up to 12TB and a high-speed 3G SAS expansion port, the EnhanceRAID E400IP can scale available capacity up to 24TB using cost-effective SAS or SATA disk modules. A professional-grade RAID controller ensures high data availability while providing hardware-assisted iSCSI offloading. Add powerful, block-based, network storage to existing servers, workstations, video surveillance systems and virtualized computer environments without the need for costly host adapters or additional license fees.



Intuitive Web-based Management

A powerful browser-based management suite offers total storage control and monitoring through a single, easy to use, cross-platform web interface. Create, manage and monitor your E400IP SAN array on any computer platform with complete confidence and ease. Automate common tasks, receive system email notifications and perform routine maintenance actions with a few simple mouse clicks without system shut-down.

Eco-Friendly Virtual Storage

At the heart of the E400IP SAN array is a high quality, professional-grade power supply featuring active PFC, 80-PLUS efficiency rating (reduces power consumption by up to 20%) and automatic voltage sensing for world-wide compatibility. A new cable-less system design greatly reduces the amount of components while increasing thermal efficiency. Industry-leading 3-year warranty and advanced replacement packages make EnhanceRAID E400IP the only choice for all your mission critical SMB desktop applications.

Key Features

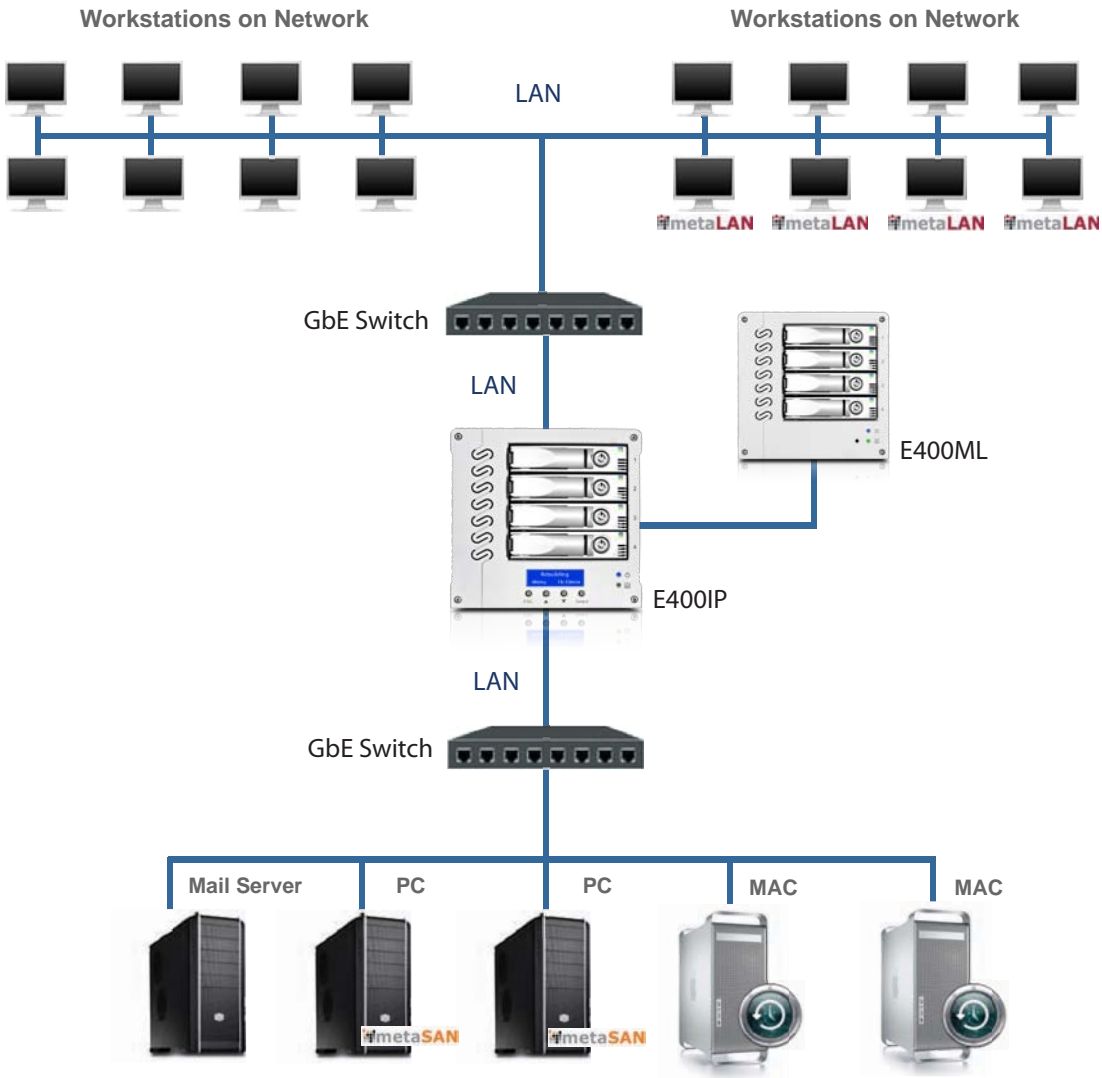
- Compact, 4-disk iSCSI SAN array
- Up to 12TB of capacity per system
- Scalable up to 24TB of capacity when used with E400ML JBOD expansion array
- Dual 1GbE iSCSI host interface with MPIO (Multi-Path) support
- Native hardware RAID controller provides RAID 0, 1, 3, 5, 6 data protection
- User-friendly WebGUI management
- Eco-friendly 80 PLUS power supply
- Hot-swappable, low noise cooling fan
- Fully compatible with PC, Mac & Linux systems

Benefits

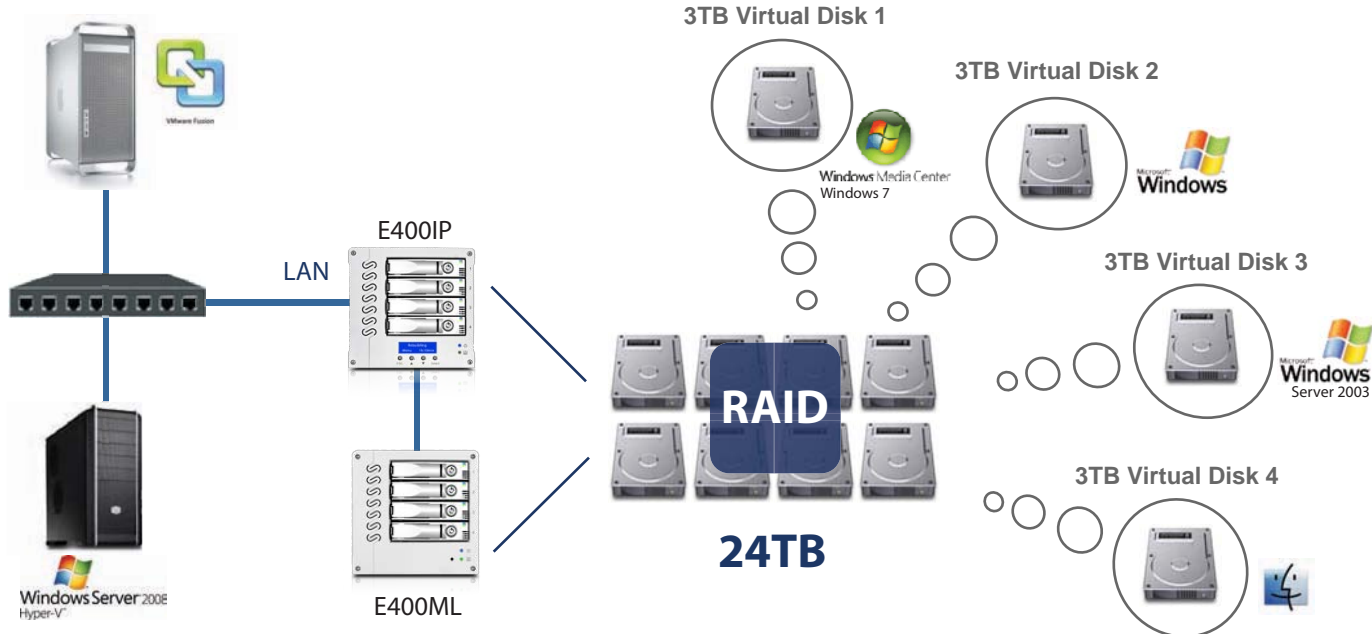
- Space saving network storage solution for SMBs
- Massive storage capacity in a small desktop form factor
- Grow as you go. Add additional capacity (up to 12TB) when you need it.
- High performance I/O over standard Gigabit networks
- Real-time hardware data protection increases availability and reduces data loss due to faulty disks
- Hassle-free management with no IT administrator required
- Reduce system power consumption and cut down utility costs up to 20%
- Provides quiet operation and creates a comfortable work environment
- Maximum flexibility

How E400IP Can Work for You

Centralized Backup Appliance



Virtualization Storage Platform



Specifications

Model	EnhanceRAID E400IP
SKUs	E400IP-F4T (4TB) E400IP-F8T (8TB) E400IP-F12T (12TB)
Hard Disks	Number: 4 Interface: SATA II RPM: 7200 RMP Cache: 32MB per drive
Host Interface	2-port GbE iSCSI; MPIO & iSCSI Jumbo Frame supported
Form Factor	4-disk compact desktop tower
RAID Controller	Intel Xscale IOP 80331 processor; 1GB memory; RAID level: 0,1,0+1,10,3,5,6, JBOD; Global and dedicated hot spare disks supported; Auto volume rebuilding;
Hot-swappability	4 Hot-swappable drive trays; 1 Hot-swappable cooling fan;
Daisy-Chain Scalability	Scalable up to 8 disks by daisy-chain to E400ML 4-disk JBOD Multi-lane system via SFF8470 port
Management	Easy-to-use LED controller control panel in the front; Management UI via serial console, SSH telnet & Web GUI; Event notification via Email, SNMP, Syslog, and Messenger
Supported OS	Windows Server 2000 / 2003 / 2008; Windows XP / Vista / 7; Mac OSX; Linux;
Physical & Environment	Operating Temperature 10°C ~ 35°C; Non-Operating Temperature -10°C ~ 50°C; Relative Humidity 5% to 95% non-condensing
Power & Cooling	250W 80 PLUS power supply; AC Input: 90-264V 47/63 Hz; Hot-swappable 8cm high-speed SMART fan;
Dimension (H x W x D)	7" x 7" x 9.5"
Weight (w/o disks)	13 Lbs
Safety Regulations	CE, FCC
Warranty	EnhanceCARE SSP - 3-Year Standard Warranty - 1-Year ARP (Advance Replacement Program) - Extended After-hour Support

Package Included:

- EnhanceRAID E400IP
- 4 hot-swappable 1TB, 2TB or 3TB SATA disks
- Standard power cord
- Quick Install Guide
- User Manual CD
- Package Weight: 25 Lbs
- Package Dimension (H x W x D): 13" x 12" x 14.25"

Accessories:

Spare Drive Packs:

- 1TB Spare Drive w/ Tray (4800-HDDSK-1T)
- 2TB Spare Drive w/ Tray (4800-HDDSK-2T)
- 3TB Spare Drive w/ Tray (4800-HDDSK-3T)

Spare Fan:

- Hot-swappable cooling fan (E400IP-FAN)

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