Intel® Entry Storage System SS4000-E

An Easy-to-Use Network Attached Storage (NAS) System designed for Affordable Data Protection

Product Overview

Easily Attached, Low-Cost NAS System

Organizations today are inundated with data. Storing existing applications such as e-mail, word processing, spreadsheets, presentations can be cumbersome. Legal requirements for file retention, the need for disaster recovery planning, multi-media applications, file sharing, digital photography, and customer data adds to the influx of data, resulting in an increased need for storage.

The Intel® Entry Storage System SS4000-E is an intelligent network storage solution for small office, medium office, and home network environments. Costing less than big file servers, the SS4000-E manages shared files by user names or groups, and features a NAS system with system backup, remote boot, and system recovery.

The SS4000-E can connect to a Gigabit Ethernet network and support up to four Serial Advanced Technology Attachment (SATA) hard disks. This high performance solution is ideal for protecting valuable data and quickly restoring from a backup. With a convenient Web interface, the SS4000-E provides security by limiting access to shared folders by user or group level authentication. Complete and advanced data protection is provided through support for RAID Levels 5, 10, and 1.

The client backup and recovery application is a powerful, centralized function providing entire system backup and recovery for clients running Windows* operating systems. Should there be a hard disk failure in the client, your critical data can be recovered[1].

System Benefits and Key Features

- Data file sharing among Windows*, Linux* OS, and Macintosh* users, with user name, password protection, and managed access in local workgroups.
- Data Protection (RAID Levels 5, 10, and 1).
- Easy-to-use set up wizard.
- The backup and recovery application provides system backup, remote boot and recovery for Windows* clients.
- Can act as a Dynamic Host Configuration Protocol (DHCP) server.
- Can act as a DHCP client for easy network configuration.
- User-friendly Web interface for setting up users and access rights.
- Built-in FTP server provides convenient high-speed file transfers.
- Web-based management provides system information for disk usage, service status, RAID, system log and current connections.
- Can be used as linear storage or set up as RAID 0.

Hardware Specifications

- **Processor:** Intel® 80219 processor running at 400 MHz
- **Memory:** DDR 256 MB
- **Flash:** 32 MB NOR Flash
- **HDD:** Supports up to four 3.5" SATA-I Hard Disk from 80 GB to 500 GB
- **Maximum Capacity:** Up to 2.0 TB
- **Network:** Two Intel® Gigabit LAN ports
- **SATA Controller:** Intel® SATA Controller
- **USB:** 2x USB 2.0 connectors
- **EMI Safety:** CE/FCC Class B
- **System Power:** 200W PSU
- **Operating Temperature:** From 10℃ to 35℃ (50℉ to 95℉)
- **Non-Operating Temperature:** From -40℃ to 70℃ (-40℉ to 158℉)
- **Non-Operating Humidity:** Up to 90% non-condensing humidity at 35℃ (95℉)

Software Specifications

- **Operating System:** Linux* Kernel 2.6
- **Network Protocol:** FTP, CIFS/SMB, NFS
- **Network Service:** DHCP client/server (default is DHCP client/Static IP is 192.168.0.101)
- **Management Interface:** Web GUI
- **RAID:** Supports levels 5, 10 and 1
- **Backup and Recovery Client Support:** Supports MS Windows* 2000, Windows* XP and Windows* 2003
- **Remote Boot Function:** Requires NIC with PXE support on client
- **File Sharing:** Authorizes users to access shared folder by passwords (by default there is one "Public" shared folder)
- **Access Control:** Allows users to access shared files for "Read Only" or "Read/Write"

For storage product information, visit: www.intel.com/go/storagesystems