Product Brief

**Intel® Entry Storage
System SS4000-E**

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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 10, 5 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 10, 5, 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 400 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°C to 35°C (50°F to 95°F)
- **Non-Operating Temperature:** From -40°C to 70°C (-40°F to 158°F)
- **Non-Operating Humidity:** Up to 90% non-condensing humidity at 35°C (95°F)

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 10, 5 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 additional product-specific information, visit: www.intel.com/go/storagesystems/SS4000-E.htm
For general storage product information, visit: www.intel.com/go/storagesystems

[1] Recovery is enabled by user set up of Client Backup and Recovery application