
Intel® Entry Storage System SS4000-E

Spares / Parts List & Configuration Guide

A reference guide to assist customers in ordering the necessary components to configure the Intel® Entry Storage System SS4000-E

Rev 1.2
Subject to Change

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Change History:

| | |
|-----------------------------|--------------------------------------|
| <u>01/18/2006 Rev. 1.0:</u> | Final revision before product launch |
| <u>2/28/2006 Rev. 1.1:</u> | Added NA sku information |
| <u>3/17/06 Rev 1.2</u> | Fixed NA sku information |

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Production Configurations

Base Unit Description

This section contains information needed to order and configure a production SS4000-E. The unit is shipped as a complete, fully integrated, system. The base system includes software; however there are optional licenses available for purchase to backup multiple clients.

The SS400-E storage system contains the following:

- Intel® Entry Storage System SS4000-E
- Ethernet Cable
- Software CD
- Recovery CD
- Four Intel Hard Disk Drive Carriers (for use with Serial ATA drives)
- Four Hard Disk Drive Labels

- Printed Quick Start Guide

Production System Codes

| Product Code | MM # | UPC | Description |
|--------------|--------|----------------|---|
| SS4000E | 879110 | 0735858181532 | <ul style="list-style-type: none"> • Production SS4000-E unit. Each unit is sold separately. |
| SS4000ENA | 882880 | 00735858182652 | <ul style="list-style-type: none"> • North America Production SS4000-E unit. Each unit is sold separately. |

Production Hardware Spares (Field Replaceable Units)

| Product Code | MM # | UPC | Description |
|----------------|--------|----------------|---|
| FXX10DVCARBLK | 880265 | 00735858181938 | <ul style="list-style-type: none"> • Drive Carrier Spare – 10 pack |
| FXXSS4000EPS | 879285 | 00735858181549 | <ul style="list-style-type: none"> • Power Supply Spare |
| FXXSS4000ECFAN | 879284 | 00735858181556 | <ul style="list-style-type: none"> • Fan Spare |

Product Brief

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

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.

Features and Benefits

- 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 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 0°C to 40°C (32°F to 104°F)
- Operating Humidity: From 10% to 90% relative humidity
- Non-Operating Temperature: From 0°C to 40°C (32°F to 104°F)
- Storage Temperature: From -20°C to 70°C (-4°F to 158°F)
- Storage Humidity: From 5% to 90% non-condensing

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”

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