
Intel® Entry Storage System SS4200-EHW

Spares / Parts List & Configuration Guide

A reference guide to assist customers in ordering the necessary components to configure the Intel® Entry Storage System SS4200-EHW

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Final Revision before Product Announcement

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Final Revision before Product Launch

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Updates after Product Launch

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Production Configurations

Base Unit Description

This section contains information needed to order and configure a production SS4200-EHW.

The SS4200-EHW storage system contains the following:

- Intel® Entry Storage System SS4200-EHW
- Ethernet Cable
- Printed Quick Start Guide

Production System Codes

Product Code	MM #	UPC	Description
SS4200EHW	893139	735858199582	<ul style="list-style-type: none">• Production SS4200-EHW unit. Each unit is sold separately.
SS4200EHWNA	894069	735858199599	<ul style="list-style-type: none">• North America Production SS4200-EHW unit. Each unit is sold separately.

Production Hardware Spares (Field Replaceable Units)

Product Code	MM #	UPC	Description
FXXSS4200EPSU	895059	735858199032	<ul style="list-style-type: none">Power Supply Spare
FXXSS4200EFAN	895029	735858199056	<ul style="list-style-type: none">Fan Spare

Product Brief

Intel® Entry Storage System SS4200-EHW

Flexible, reliable, powerful, easy to use storage solution for small business and home networks

Product Overview

The Intel® Entry Storage System SS4200-EHW is a flexible hardware Network Attached Storage (NAS) platform that instantly adds storage capacity to small business, small office/home office (SOHO), and home networks. Intel has engaged with storage software providers to ensure the availability of a variety of software solutions. With four USB 2.0 ports and four SATA ports (3 Gb/s), the SS4200-EHW is a powerful system that can be connected to most digital devices as well as business and home networks, for shared, centralized data access.

The Next Big Storage Opportunity: Small Office and Home Networks

In-Stat estimates that by 2009, the average person will have nearly 1 terabyte of digital data¹ — data that is usually stored on a local hard drive or even on a specific device, such as a camera. This astounding growth rate is the side effect of our now-digital lifestyle, which includes both the paperless office and the digital home. We now use a variety of digital tools in the workplace, including PCs, PDAs, and industry-specific digital devices like medical imaging or surveillance systems. Our homes are no different, with digital cameras, video recorders, digital music players, networked gaming consoles, and home PC networks.

Even so, small businesses and consumers have so far been left out of the network storage fast growing trend. High cost, complexity and a lack of small-network solutions are all to blame. But these neglected market segments have a critical need to improve data availability to multiple users. And because most operate without dedicated IT support, few properly protect their data with backup.

For these reasons, industry experts believe that small office and home networks are ripe for network storage. They now need – *and want* – solutions that are of enterprise quality but of a cost and function that fits their environment. Accordingly, these experts predict strong demand for small business and digital home storage and data protection solutions for many years to come.

The Intel Entry Storage System SS4200-EHW is the ideal solution for this market segment. It's easy to use, flexible, reliable and powerful – all in a package that can be customized by you to fit in with your product line and meet your customers' needs.

¹ IN-STAT, Study on Consumer Network Storage, March 2007.

Flexible

The SS4200-EHW was designed with flexibility in mind, allowing you to customize and differentiate your solutions. Change the flexible shell design to fit into your existing product portfolio. You can add various capacities of hard drives for varying capacity solutions. Include peripheral devices that appeal to your customers. Intel has engaged with storage software providers to ensure the availability of a variety of software solutions.

To see the growing list of industry software solutions optimized for the Intel Entry Storage System SS4200-EHW, visit www.intel.com/design/servers/storage/ss4200ehw/index.htm.

Powerful

The basic system comes with an industry leading Intel® Celeron® processor 420 at 1.6 GHz for high performance and power efficiency. There is enough headroom to accommodate as much as three terabytes of data in a RAID 5 configuration. It's the power and flexibility you need to deliver the features your customers demand.

Hardware Specifications

- Processor: Intel® Celeron® Processor 420 running at 1.6 GHz
- Memory: DDR2 512 MB
- Flash: DOM Socket Available on Board
- HDD: Supports up to four 3.5" SATA (3.0 Gb/s) HDD's
HDD's not included
Validated HDD's (Refer to THOL)
No Hot Swap Support
- Network: One Intel® Gigabit LAN port
- USB: 4x USB 2.0 connectors
- eSATA: 1 eSATA Port for capacity expansion
- System Power: 250W PSU
- EMI Safety CE/FCC Class B
- 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)

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