Product Brief

Intel® Entry Storage System SS4200-EHW

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Flexible, reliable, powerful, easy to use storage platform for small business, small office/home office, 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, SOHO and Home Networks

In-Stat estimates that by 2009, the average person will have nearly one terabyte of digital data[1]—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. The system ships without hard drives so you can add various capacities of hard drives for varying capacity solutions. Or 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.

Intel® Entry Storage System SS4200-EHW Specifications

Features	Benefits
Intel® architecture processor	High performance with power savings
Four tool-less drive retention bays	Easy access and expansion
eSATA support to expand beyond four hard disk drives	Scalable, expandable system
Disk-on-module socket	Options for software and server recovery
Three year warranty	Quality and guaranteed reliability

Hardware Specifications	
Processor	Intel® Celeron® Processor 420 running at 1.6 GHz
Memory	DDR2 512 MB
Flash	DOM Socket provided on board
HDD	Supports up to four 3.5" SATA (3.0 Gb/s) Hard Disks
Network	One Intel® Gigabit LAN port
USB	4x USB 2.0 connectors
EMI safety	CE/FCC Class B
System power	250W 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)
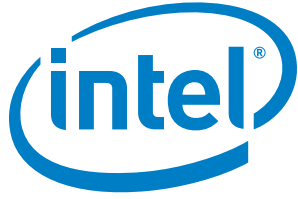
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For additional information about Intel® Storage Server SSR4200-EHW, visit:
www.intel.com/design/servers/storage/ss4200e/index.htm

For general storage product information, visit:
www.intel.com/products/server/storage/index.htm