
Intel® Storage System SSR212PP Family

Based on EMC AX150 Technology*

Spares / Parts List & Configuration Guide

A reference guide to assist customers in ordering the necessary components to configure the Intel® Storage System SSR212PP family

Rev 1.1
Subject to Change

July 2006



Change History:

6/1/2006 Rev 1.0
7/19/2006 Rev 1.1

Initial Release
Updated to include required UPS on dual controller systems

Disclaimer

Information in this document is provided in connection with Intel® products. No license, express or implied, by estoppel or otherwise, to any intellectual property rights is granted by this document. Except as provided in Intel's Terms and Conditions of Sale for such products, Intel assumes no liability whatsoever, and Intel disclaims any express or implied warranty, relating to sale and/or use of Intel products including liability or warranties relating to fitness for a particular purpose, merchantability, or infringement of any patent, copyright or other intellectual property right. Intel products are not intended for use in medical, life saving, or life sustaining applications. Intel may make changes to specifications and product descriptions at any time, without notice.

**Other brands and names may be claimed as the property of others. Intel, Pentium, Itanium, and Xeon are trademarks or registered trademarks of Intel Corporation.*

*All products, dates, and figures are preliminary and are subject to change without any notice.
Copyright © Intel Corporation 2006.*

Contents

Contents.....	2
Production Configurations.....	3
Base Unit Description	3
Intel Storage System SSR212PP Family Configuration Matrix	4
Production System Codes.....	4
Hard Disk Drive Accessories	5
Production Hardware Spares (Field Replaceable Units).....	5



Production Configurations

Base Unit Description

This section contains information needed to order and configure a production SSR212PP. The unit is shipped as a complete, fully integrated, system. The base system includes software. There are different configurations, varying with:

- **Network Connectivity:** iSCSI or Fibre Channel
- **HDDs:** 500GB or 250GB
- **Controllers:** Single or Dual

Each SSR212PP storage system contains the following:

Hardware

- 1 x 2U system chassis (including SATA backplane, system fans, power supply enclosure)
- 1 x Storage Processor Assembly containing the following components:
 - 1 (single processor) or 2 (dual processor) x 300 W power supply module
 - 2 (single processor) or 4 (dual processor) x iSCSI or FC Front End (FE) ports
 - 1 (single processor) or 2 (dual processor) x Intel® Processor 1.3 GHz
 - 1 (single processor) or 2 (dual processor) x 512MB memory module
 - 1 x 256MB battery backed cache card (single processor only)
- 3 (single processor) or 4 (dual processor) 250GB or 500GB SATA II hard disk drives
- 8 (dual processor) or 9 (single processor) disk drive blanks
- 12x Serial ATA hard disk drive cable
- 1x rack mount rail Kit
- 1x Serial communication Cable
- 1x printed Quick Start Guide
- 1x Resource CD

Software

- Navisphere Express storage management software (installed on unit)
- Navisphere Express Server initialization software
- Navisphere Express Storage System initialization software
- PowerPath* path management software



Intel Storage System SSR212PP Family Configuration Matrix

Specifications	SSR212PPf500	SSR212PPi500	SSR212PPf250	SSR212PPi250	SSR212PP2f500	SSR212PP2i500	SSR212PP2f250	SSR212PP2i250
Controllers	1	1	1	1	2	2	2	2
Ports	2	2	2	2	2	2	2	2
HDDs	3	3	3	3	4	4	4	2
HDD Capacity	500GB	500GB	250GB	250GB	500GB	500GB	250GB	250GB
Connectivity	Fibre Channel	iSCSI	Fibre Channel	iSCSI	Fibre Channel	iSCSI	Fibre Channel	iSCSI

Production System Codes

Product Code	MM #	UPC	Description
SSR212PPf500	883630	00735858184472	Intel storage server based on EMC AX150, Fibre Channel, single controller, 3 HDDs included (500 GB)
SSR212PPi500	883632	00735858184397	Intel storage server based on EMC AX150, iSCSI, single controller, 3 HDDs included (500 GB)
SSR212PPf250	883628	00735858184403	Intel storage server based on EMC AX150, Fibre Channel, single controller, 3 HDDs included (250GB)
SSR212PPi250	883631	00735858184410	Intel storage server based on EMC AX150, iSCSI, single controller, 3 HDDs included (250GB)
SSR212PP2f500	883627	00735858184427	Intel storage server based on EMC AX150, Fibre Channel, dual controller, 4 HDDs included (500 GB)
SSR212PP2i500	883629	00735858185202	Intel storage server based on EMC AX150, iSCSI, dual controller, 4 HDDs included (500 GB)
SSR212PP2f250	883207	00735858184434	Intel storage server based on EMC AX150, Fibre Channel, dual controller, 4 HDDs included (250GB)
SSR212PP2i250	883678	00735858184441	Intel storage server based on EMC AX150, iSCSI, dual controller, 4 HDDs included (250GB)

Uninterruptible Power Supply (UPS)

Required for all dual controller systems

Product Code	MM #	UPC	Description
FPPUPS12	883643	00735858184984	UPS chassis 120v
FPPUPS100	883679	00735858184991	UPS chassis 100v
FPPUPS230	883646	00735858185004	UPS chassis 230v



Hard Disk Drive Accessories

Product Code	MM #	UPC	Description
APPHDD500	883650	735858184458	500 GB Hard Disk Drive module (single pack)
APPHDD250	883648	735858184465	250 GB Hard Disk Drive module (single pack)

Production Hardware Spares (Field Replaceable Units)

Product Code	MM #	UPC	Description
FPPCHASSIS	883633	00735858184892	Chassis assembly
FPPFCCASE	883634	00735858184908	Single fibre channel suitcase
FPPISCASE	883635	00735858184915	Single iSCSI suitcase
FPP2FCCASE	883637	00735858184922	Dual fibre channel suitcase
FPP2ISCASE	883636	00735858184939	Dual iSCSI suitcase
FPPCACHE	883639	00735858184946	Cache card assembly
FPPDIMM	883638	00735858184953	DIMM DDR, 512MB, PC2100, Samsung, P/N116007453
FPP300WPS	883641	00735858184960	Power supply module
FPPCPUFAN	883642	00735858185226	Processor fan assembly
FPPSFAN	883640	00735858184977	System fan assembly
FPPUPS120	883643	00735858184984	UPS chassis 120v
FPPUPS100	883679	00735858184991	UPS chassis 100v
FPPUPS230	883646	00735858185004	UPS chassis 230v



FPPBEZEL	883647	00735858185011	Bezel assembly
FPPFILLER	883649	00735858185028	Hard disk drive filler

NOTES:

1) Unless noted otherwise, all items are individually orderable.

2) Reference base unit description (page 3) to determine components that initially ship with the SSR212MA system.

For additional product-specific information, visit:
www.intel.com/design/servers/storage/ssr212pp

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

