Intel® Storage Server System family JBOD2000

Spares/Accessories List and Configuration Guide

A *reference guide* to assist customers in ordering the necessary components to configure the Intel® Server Storage system JBOD2000

Revision 1.04

October 2013

Enterprise Platforms and Services Marketing

Revision History

October 12 – 0.5 – Initial release

Jan 13 – 1.0 - Books opening.

Feb 13 – 1.01 – Rails inclusion clarified

April 23, 2013 – rev 1.02 – updated copyright year and fixed spelling errors

July 26, 2013 – rev 1.03 – added verbiage to buy cables externally.

Oct 23, 2013 –rev 1.04 – added compatible RAID adapters

Disclaimer

CONTENTS

Product Descriptions – Overview

Intel if offering JBOD storage systems in 2U form factor with 2.5" or 3.5" drives support.

2.5" drives option also has dual port option. Redundant fans and cooling make system ready for enterprise class installations. Common look, feel and management with EPSD systems make it a true portfolio ingredient.

Sample and Production system order codes for JBOD2000 family

Image	Product Code MM UPC MOQ	Description
	JBOD2312S2SP 927043 1	**Intel® Storage Server System** JBOD2312S2SP • 24.75" long 2U chassis • 12 x 3.5" HDD support • Single expander configuration • 1 460W Gold efficiency power supplies • 1 dual port external interface card installed • All needed cables – connecting backplane to expander and to interface card. • 3 hot swap fans providing redundant cooling. • Power distribution/health control board to provide fan and PSU monitoring and reporting via SES • Rack ear control panel, Pull out tab for inventory notes. • Cascading – up to 2 levels. • North America orders will receive power cord NO Rails included. Please order separately from list below Customers need to purchase externally the mini-SAS cables (SFF-8088 to SFF-8088) to interface with the JBOD
	JBOD2224S2SP 927044 1 **Note:** This model is under evaluation, please contact your Intel Sales Representative if you have demand	**Intel® Storage Server System** JBOD2224S2SP • 24.75" long 2U chassis • 24 x 2.5" HDD support • Single expander configuration • 1 460W Gold efficiency power supplies • 1 dual port external interface card installed • All needed cables – connecting backplane to expander and to interface card. • 3 hot swap fans providing redundant cooling. • Power distribution/health control board to provide fan and PSU monitoring and reporting via SES • Rack ear control panel, Pull out tab for inventory notes. • Cascading – up to 2 levels. • North America orders will receive power cord NO Rails included. Please order separately from list below Customers need to purchase externally the mini-SAS cables (SFF-8088 to SFF-8088) to interface with the JBOD
	JBOD2224S2DP 927045 1	**Intel® Storage Server System** JBOD2224S2DP • 24.75" long 2U chassis • 24 x 2.5" HDD support • Dual port drive support • Dual expander configuration – for complete redundancy • 2 460W Gold efficiency power supplies • 2 dual port external interface cards (SFF8088 connectors) • All needed cables – connecting backplanes to expander and to interface cards. • 3 hot swap fans providing redundant cooling. • Power distribution/health control board to provide fan and PSU monitoring and reporting via SES • Rack ear control panel, Pull out tab for inventory notes. • Cascading – up to 2 levels. • Rails included - AXXELVRAIL • North America orders will receive power cord Customers need to purchase externally the mini-SAS cables (SFF-8088 to SFF-8088) to interface with the JBOD

JBOD2000 spares and accessories
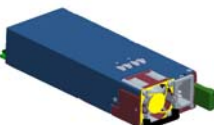
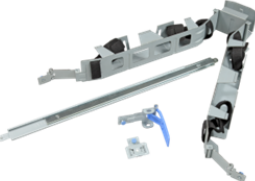| Image	Product Code MM UPC EAN	Description	MOQ
	AXXSAS88CNVRT 927047 735858257855 5032037049627	Interface boards (converts internal 8087 to external 8088 ports)	2
	AXXJBDPWRBD 927048 735858257657 5032037049573	Spare power distribution/monitoring board	1
	RESCV360JBD 927135 735858257213 5032037049184	Dual-port enabled expander, spare for JBOD system.	1
	A2U8X25HSDK 917914 735858241076 5032037035828	Spare/accessory 8x2.5" HDD drive kit for 2Usystem. (R2200 family) R2208 can take 1 additional bay with no other upgrades. For upgrading up to 24 drives (R2208 +2 bays, or R2216 + 1 bay) – standard control panel and ODD bay has to be replaced with storage panel (A2USTOPANEL) Includes cage, backplane board, 8 drive carriers, power Y-cable and I2C jumper cable	1
	A2U8X25DPDK 917966 735858241069 5032037035811	Spare dual port drive cage	1
	FXX460GCRPS 915603 735858235846 5032037030595	460W CRPS 80+ Gold efficiency power supply spare/accessory. Ships as default power supply	1
	FXX750PCRPS 915604 735858234979 5032037030601	750W AC CRPS 80+ Platinum efficiency power supply spare/accessory. Electrically compatible but not validated and have not been certified. Cannot be used until certifications are obtained by the customer.	1
	FR2000FAN60HS 921117 735858246279 5032037040761	One spare fan for 2U R2000GZ/GL/BB/JBOD system. 60x38mm, with hot swap connector Includes 1 fan and two cables.	1
	A2UBEZEL 918086 735858241137 5032037035880	2U locking bezel with two branding clip-on inserts for logo, and one snap-on swoosh	1
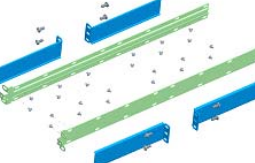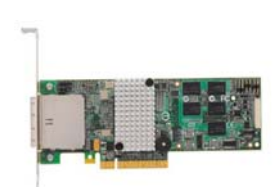
Image	Product Code MM UPC EAN	Description	MOQ
	AXXELVRAIL 920970 735858244367 5032037038980	Enhanced Value Rail Kit Works for all 438mm wide Intel® Rack Chassis 1U, 2U, 4U. Rail allows adjustment within 609.6mm~765mm to fit difference depth rack. Maximum extension when installed (travel distance) 424.2mm Improved robustness over AXXVRAIL, same mechanical spec	1
	AXXPRAIL 924417 735858219686 5032037014823	1U/2U Premium Rail Kit Full extension and toolless rail kit. Supports cable management arm. Rail allows adjustment within 609.6mm~762mm to fit difference depth rack. Maximum extension when installed (travel distance) 800 mm	1
	AXXPRAIL755 924418 735858249065 5032037043724	Short 1U/2U Premium Rail Kit, no CMA support Full extension and toolless rail kit. Rail allows adjustment within 609.6mm~762mm to fit difference depth rack. Maximum extension when installed (travel distance) 755 mm	1
	AXX1U2UCMA 913117 735858224604 5032037019972	Cable management arm for Premium 1U/2U rail kit (works only with AXXPRAIL)	1
	AXX2POSTBRCKT 918808 735858245319 5032037039833	Fixed mount bracket kit for 2-post racks	1
	F2U12X35HSBP 917976 735858241021 5032037035774	Hot swap backplane board spare for 2U 12x3.5" chassis (R2312 family)	1
	FXX8X25HSBP 917973 735858240987 5032037035736	Single port hot swap backplane board spare for 2U 8x2.5" cage (R2200 and P4000 families)	1

Image	Product Code MM UPC EAN	Description	MOQ
	FXX8X25DPBP 917974 735858240994 5032037035743	Dual Port hot swap backplane board spare for 2U 8x2.5" cage (R2200 and P4000 families) Not available at launch	1
	FXX25HSCAR 918807 735858241182 5032037035910	Spare 2.5" HDD hot swap carriers	8
	FXX35HSADPB 912771 735858219495 5032037016391	Spare 3.5" HDD hot swap carriers Includes mounting screws for mounting 2.5" drives	8
	FPWRCABLENA 879287 735858181129 5032037015738	North American Power Cord Spare	1

JBOD2000 compatible RAID Adapters

Image	Product Code MM UPC EAN	Description	MOQ
	RS25FB044 921700 00735858247665	**Intel® RAID Controller RS25FB044** LSI* SAS2308 Processor Chip 6Gb/s SAS/SATA, x8 PCIe 3.0 4 external ports, 4 internal ports MD2 Low Profile, half-length form factor Support RAID 0,1,10,1E Cables are not included	5
	RS25SB008 919569 00735858228633	**Intel® RAID Controller RS25SB008** LSI* SAS2208 ROC 6Gb/s SAS/SATA, x8 PCIe 3.0 8 external ports MD2 Low Profile, half-length form factor Support RAID 0,1,10,5,6,50,60 Intel® RAID Backup SuperCap2 Module Cables are not included	5

Image	Product Code MM UPC EAN	Description	MOQ
	RS25GB008 919566 00735858219877	**Intel® RAID Controller RS25GB008** LSI* SAS2308 Processor Chip 6Gb/s SAS/SATA, x8 PCIe 3.0 8 external ports No embedded memory MD2 Low Profile, half-length form factor Support IT mode only Cables are not included	5
	RS25NB008 919567 00735858222594	**Intel® RAID Controller RS25NB008** LSI* SAS2208 ROC 6Gb/s SAS/SATA, x8 PCIe 3.0 8 external ports 1GB embedded memory MD2 Low Profile, half-length form factor Support RAID 0,1,10,5,6,50,60 RAID Premium Feature Key supported Cables are not included	5
	RS2MB044 904993 00735858213028	**Intel® RAID Controller RS2MB044** LSI* SAS2108 ROC 6Gb/s SAS/SATA, x8 PCIe 2.0 4 internal ports and 4 external ports 512MB embedded memory MD2 Low Profile, half-length form factor Support RAID 0,1,10,5,6,50,60 RAID Premium Feature Key supported One MS to 7pin SATA cable included	5
	RS2PI008 903492 00735858211222	**Intel® RAID Controller RS2PI008** LSI* SAS2108 ROC 6Gb/s SAS/SATA, x8 PCIe 2.0 8 external ports 512MB embedded memory MD2 Low Profile, half-length form factor Support RAID 0,1,10,5,6,50,60 RAID Premium Feature Key supported Cables are not included	5
	RS2SG244 904995 00735858213042	**Intel® RAID Controller RS2SG244** LSI* SAS2108 ROC 6Gb/s SAS/SATA, x8 PCIe 2.0 24 internal ports and 4 external ports 512MB embedded memory Full Height, half-length form factor Support RAID 0,1,10,5,6,50,60 RAID Premium Feature Key supported MS to MS cables included	1