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Revision	Date	ECO#	Revised By	Description of Changes
0A	8/5/11	P1792	Lynn Johnson	Initial Release

Tools Required:

- #2 Phillips Screwdriver
- #1 Phillips Screwdriver
- Needle nose Pliers

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NOTE: Disconnect any AC Power Cords attached to the power supplies before disassembly of the unit.

- Removal of the top access cover requires a #2 Philips screwdriver.
 a. Remove the cover screw and unscrew the thumb screw located at the rear of the access cover.
 - b. Slide the top cover towards the rear of the chassis about an inch.
 - c. Remove access cover by lifting it up.
 - d. Remove any labels from the chassis and access cover.
 - e. Discard Sheet Metal Cover, Cover Screw, and Labels in the appropriate Recycling Bin.



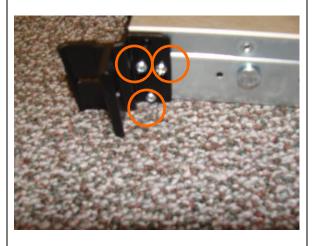




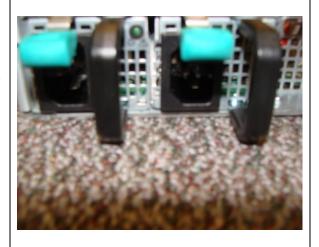
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- 2. Removal of the bezel brackets (if present) requires a #2 Phillips screw driver.
 - a. Remove the three (3) screws securing each bezel bracket to the chassis, and pull the bracket off the chassis.
 - b. Discard Bezel Brackets and screws in the appropriate Recycling Bin.

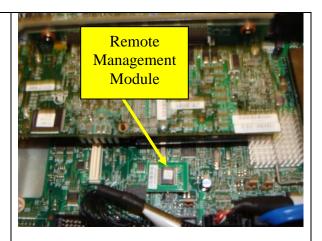


- 3. Removal of the Power Supply (ies) does not require any tools.
 - a. Press and hold the green button towards the power supply handle.
 - b. Pull the supply straight out of the rear of the chassis.
 - c. Discard the Power Supply (ies) in the appropriate Recycling Bin.

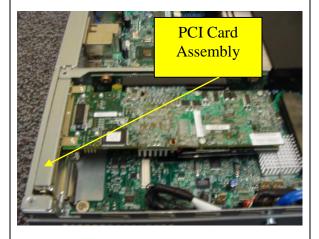


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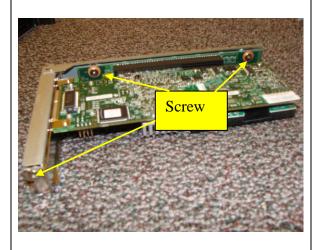
- 4. Removal of the Remote Management Module does not require any tools.
 - a. Remove the Remote Management module from the motherboard.
 - b. Discard the Remote Management Module in the appropriate Recycling Bin.



- 5. Removal of the PCI card assembly does not require any tools.
 - a. Remove the PCI card assembly by lifting it straight out of the chassis.

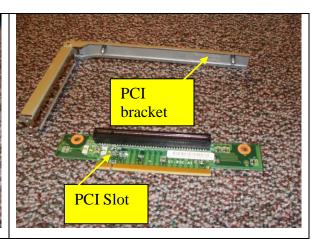


- 6. Removal of the PCI card (if installed) requires a #2 Phillips screw driver.
 - a. Remove the screw securing the PCI card to the bracket, and pull the PCI card out away from the riser.
 - b. Remove the two (2) screws connecting the PCI slot to the PCI bracket.
 - c. Discard the PCI card, PCI slot, PCI bracket and screws in the appropriate Recycling Bin.



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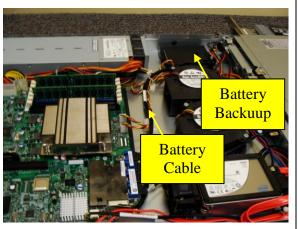
PCI Slot



- 7. Removal of the Air Duct does not require any tools.
 - a. Remove the Air Duct by lifting it straight up and out of the chassis.
 - a. Discard the Air Duct in the appropriate Recycling Bin.



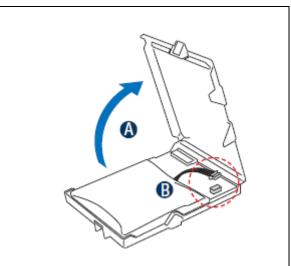
- 8. Removal of the Battery Backup (if present) does not require any tools.
 - a. Disconnect the battery cable from the RAID I/O module.
 - b. Slide the battery towards the front of the chassis about half an inch, and lift out of the chassis.
 - c. Open the battery case, and disconnect the external cable, and the cable going from the battery pack to the battery controller board.
 - d. Discard the Battery Pack, the Controller Board, the Battery Case, and cables in the appropriate Recycling Bin.



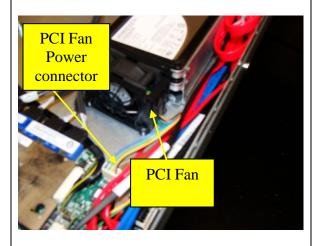
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8.

Battery
Cable

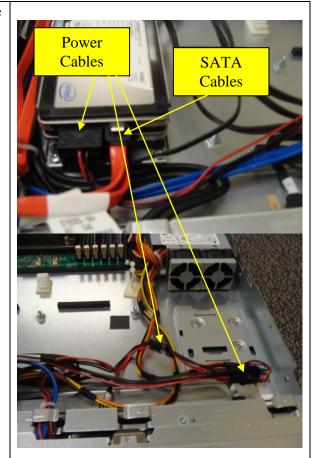


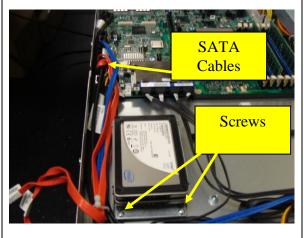
- 9. Removal of the Blowers requires a #2 Phillips screw driver.
 - a. Remove the two (2) screws from each of the blowers and disconnect the power connector for each blower from the motherboard. Pull directly up on each of the blowers and remove blowers from the chassis.
 - b. Discard the Blowers and screws in the appropriate Recycling Bin.
- Power Connector Screws
 Blowers
- 10. Removal of the PCI fan does not require any tools.
 - a. Disconnect the PCI fan power connector from the motherboard.
 - b. Pull the PCI fan straight up to remove.
 - c. Discard the PCI Fan in the appropriate Recycling Bin.

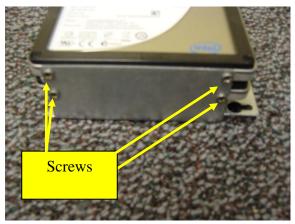


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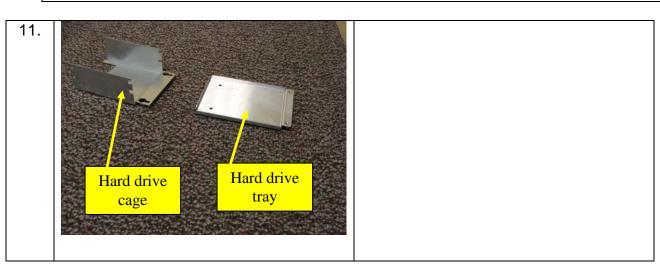
- 11. If applicable, removal of the SSD hard drive cage, the SSD hard drive tray, and hard drives require a #1 and #2 Phillips screw driver.
 - a. Disconnect the power cables from the hard drives and the P4 power connector which is connected to the backplane.
 - b. Disconnect the SATA cables from the hard drives and the motherboard.
 - c. Using a Phillips #2 screw driver remove the two (2) screws that mount the hard drive cage onto the hard tray. Pull the hard drive tray toward the front of the chassis and pull straight up to remove.
 - d. Using a Phillips #1 screw driver remove the four (4) screws from each of the hard drives. Remove the drives from the hard drive cage.
 - e. Pull the hard drive tray straight out of the chassis.
 - f. Discard the power cables, SATA cables, screws, hard drive tray, and hard drive cage in the appropriate Recycling Bin.





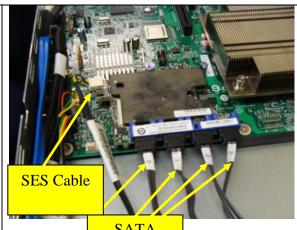


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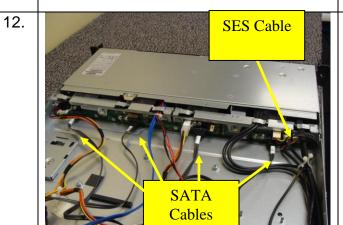


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- 12. If applicable, removal of RAID I/O module does not require any tools.
 - a. Disconnect all SATA cables from the back-plane and the RAID I/O module.
 - b. Disconnect the SES cable from the back-plane and the RAID I/O module.
 - c. Pull the RAID I/O module straight up to disengage from the standoffs and motherboard connectors.
 - d. Pull the standoffs straight up and out of the motherboard.
 - e. Discard the SATA cables, SES cable, standoffs, and RAID I/O Module in the appropriate Recycling Bin.



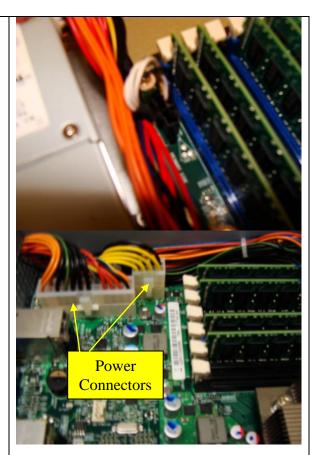
SATA Cables

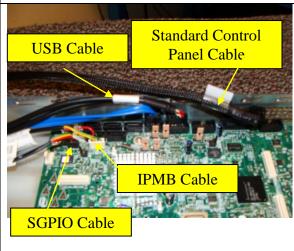


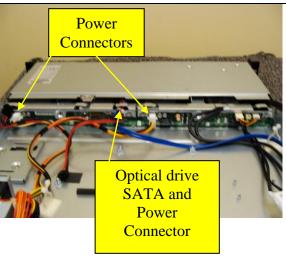


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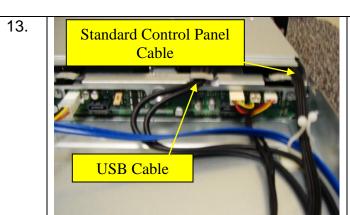
- 13. All remaining cable connectors need to be disconnected.
 - a. Disconnect all power cables from the surrounding powers connectors (three on the motherboard and two on the backplane).
 - b. Remove all SATA cables from motherboard. Remove the optical drive SATA/Power cable from the motherboard and the optical drive.
 - c. Remove the SGPIO cable and the IPMB cable from the motherboard and backplane. Remove the USB cable from the motherboard. Remove the Standard Control Panel cable from the motherboard. (The USB cable and Standard Control Panel cable are still connected to the Standard Control Panel and USB Combiner board in the front of the chassis).
 - d. Discard all cables in the appropriate Recycling Bin.

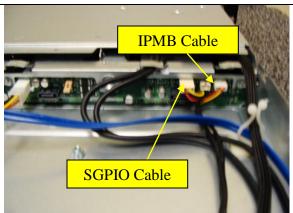




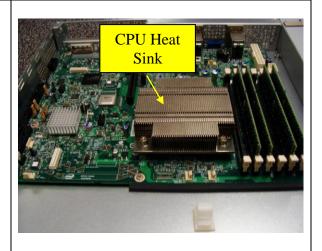


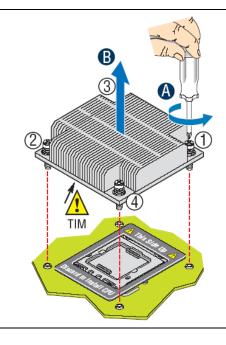
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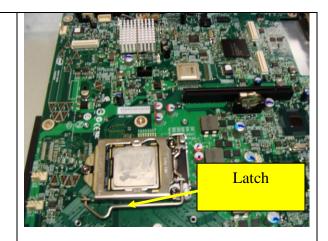
- 14. Removal of the CPU Heatsink requires a #2 Phillips screwdriver.
 - a. Start loosening the four (4) screws on the heat sink two turns at a time in the order shown in the picture below.
 - b. Once all screws are fully out, lift the heat sink out of the chassis.
 - c. Discard the Heat sink in the appropriate Recycling Bin.





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- 15. Removal of the CPU does not require any tools.
 - a. Push the latch down and then away from the CPU socket.
 - b. Open the load plate, and carefully remove the CPU from its socket.
 - c. Discard the CPU in the appropriate Recycling Bin.



- 16. Removal of the Memory DIMMs and Lithium Battery from the motherboard do not require any tools.
 - a. Remove each of the Memory
 DIMMs by pushing down and out on
 the two latches, one on each end of
 the DIMM connector. Lift memory
 DIMM straight out to remove.
 - b. Put a piece of scotch tape on both sides of the battery and remove the coin style Lithium Battery.
 - c. Discard the Memory DIMMs and Lithium Battery in the appropriate Recycling Bin.

*** CAUTION ***

Care should be observed when disposing of the battery to avoid shorting it!





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- 17. Removal of the motherboard requires a #2 Phillips screw driver.
 - a. Unscrew all remaining screws on motherboard.
 - b. Lift motherboard straight out of server.
 - c. Discard the Motherboard and screws in the appropriate Recycling Bin.



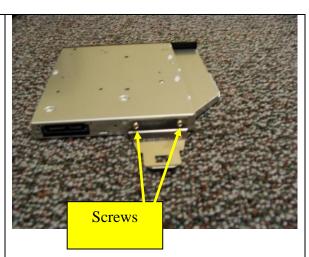
- 18. Removal of any I/O Expansion Module Filler Panels does not require any tools.
 - a. Squeeze the sides of the I/O expansion module filler panel(s) to disengage it from the server system back panel and remove it.
 - a. Discard the filler panels in the appropriate Recycling Bin.



- 19. Removal of the Optical Drive (if present) requires a #1 Phillips screw driver any tools.
 - a. Press the locking tab at the rear of the optical drive just above the backplane, and pull the drive straight out of the chassis.
 - b. Remove the two (2) from the locking tab.
 - c. Discard the optical drive, locking tab, and the screws in the appropriate Recycling Bin.



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- 20. Removal of the Optical Drive filler panel (if present) does not require any tools.
 - a. If the hard drive carrier beneath the optical drive filler panel is present.
 Press the tab on the front of the drive carrier, and pull the hard drive carrier straight out of the chassis.

Locking

tab

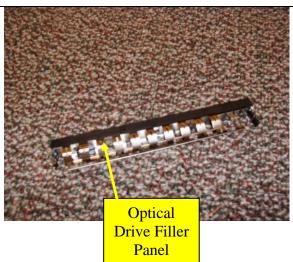
- b. Grab the bottom and pull the optical drive filler panel straight out the front of the chassis.
- c. Discard the optical drive filler panel in the appropriate Recycling Bin.



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Hard Drive Carrier



- 21. Removal of the Battery Backup Mounting Bracket requires a #2 Phillips screw driver.
 - a. Remove the three (3) screws from the Battery Backup Mounting Bracket then pull the bracket out of the chassis.
 - b. Discard the Battery Backup Mounting Bracket and screws in the appropriate Recycling Bin.

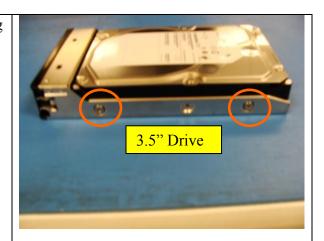


- 22. Removal of the 2.5" Hard Drive (s) requires a #1 Phillips screw driver and the removal of the 3.5" Hard Drive (s) requires #2 Phillips screw driver.
 - a. Press the tab on the front of the drive carrier, and pull the drive straight out of the chassis.



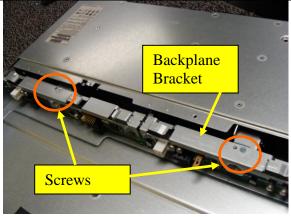
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- b. Remove the four (4) screws securing the drive to the carrier (two on each side for the 3.5in drive and 4 on the bottom for the 2.5in drive). (Repeat for each drive installed)
 - c. Discard the Hard Drive(s), Carriers, and screws in the appropriate Recycling Bin.

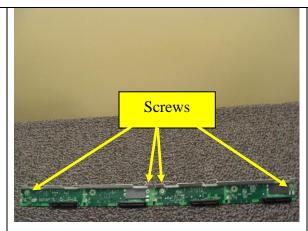


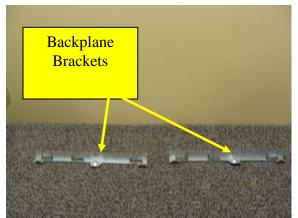


- 23. Removal of the Backplane requires a #1 and #2 Phillips screwdriver.
 - a. Using a #1 Phillips screw driver remove the two (2) screws from the brackets that house the backplane and pull the bracket out of the chassis.
 - b. Using a #2 Phillips screw driver remove the four (4) screws that connects the backplane to the bracket.
 - c. Discard the backplane brackets, backplane, and screws in the appropriate Recycling Bin.

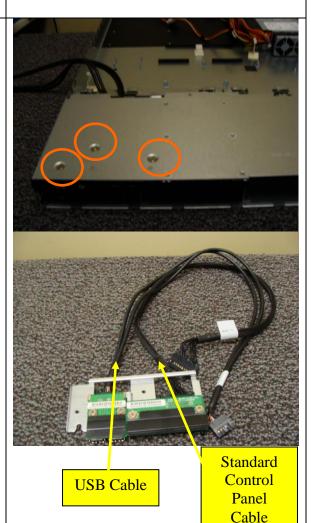


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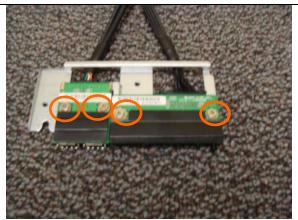


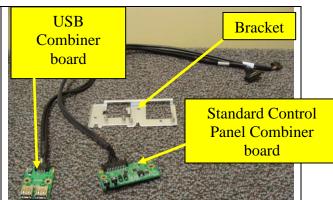


- 24. Removal of the Standard Control Panel and USB Combiner Board requires a #2 Phillips screwdriver.
 - a. Remove the three (3) screws from the top of the chassis that mounts the bracket that house Standard Control Panel and USB Combiner Board.
 - b. Pull the Standard Control Panel and USB Combiner Board bracket straight back towards the rear of the chassis.
 - c. Remove the Standard Control Panel cable and the USB cable from the Standard Control Panel connector and the USB connector.
 - d. Remove the four (4) screws from the bracket that house the Standard Control Panel and USB Combiner Board.
 - e. Discard the standard control panel and USB bracket, the standard control panel combiner board, the USB combiner board, and the backplane, the standard control panel cable, the USB cable, and screws in the appropriate Recycling Bin.



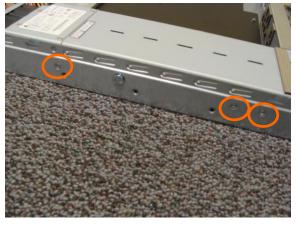
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- 25. Removal of the Power Supply casing requires a #1 and #2 Phillips screwdriver.
 - a. Remove the five (5) screws from the sides of the power supply casing that secures the power supply casing to the chassis.
 - b. Remove the two (2) screws from the inside rear of the power supply casing that secures the power supply casing to the chassis.
 - c. Pull the Power Supply casing out of the chassis.
 - d. Remove the four (4) screws on the top of the power supply casing and the one (1) screw on the side of the casing that secures the metal cover for the power supply combiner board and the power supply fan combiner board to the power supply casing.
 - e. Pull the metal cover for the power supply combiner board and the power supply fan combiner board straight up and away from the power supply casing.
 - f. Remove the six (6) screws securing the power supply fan bracket to the power supply casing.
 - g. Disconnect the power supply fans connector from the power supply combiner board and remove the

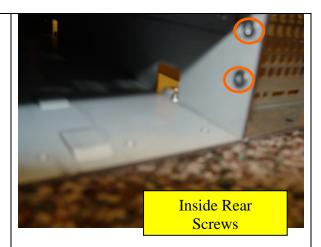




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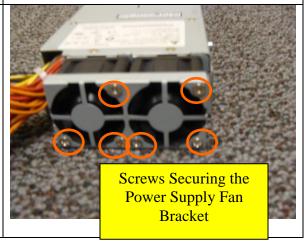
power supply fans and the rear fan bracket.

- h. Remove the three (3) screws securing the power supply combiner board to the power supply casing.
- i. Remove the zip tie securing the power supply cables to the power supply casing and the rear power supply fan bracket.
- j. Discard the Power Supply Casing, Power Supply Combiner Board, Power Supply fans, Power Supply Fan Brackets, Power Supply Combiner Board Metal Cover, and screws in the appropriate Recycling Bin.

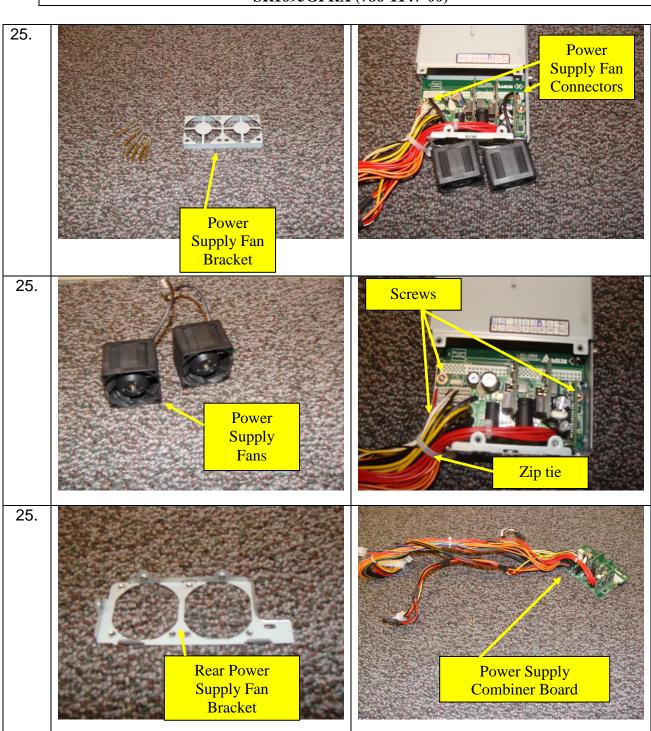


Screws for the Metal Cover for the Power Supply and Power Fan Combiner Board

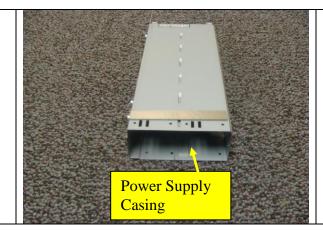
Metal Cover for the Power Supply and Power Fan Combiner Board



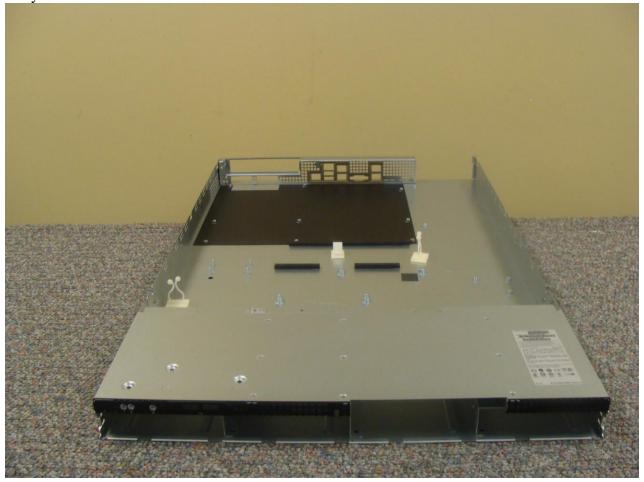
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Fully Disassembled Unit



DISCARD THE FULLY DISASSEMBLED UNIT IN THE APPROPRIATE RECYCLE BIN.

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Recycling/Material Code	Important Information
Material /Components, which must be re	emoved and treated separately
Lithium Battery	Battery free of hazardous substances, installed in socket on the motherboard
Lithium Ion RAID Battery Backup	Battery is RoHS 5/6, installed behind the backplane
Printed circuit boards	Motherboard, DIMMs, PCI card, PCI riser, Power Supply, Backplane, RAID IO Module, Power Distribution Board, IO Expansion Module, Remote Management Module, & Front Panel Control Board
Disk Drives	Mounted on disk carrier
Material /Components, which can distur Copper	rb certain recycling processes Fansink
Material /Components, through which b	enefits can normally be achieved
Cold Rolled Steel	Fixed cover, PCI bracket, & chassis
* ABS	Bezel, Control Panel Bezel, Cable Guide, Power Distribution Board Cover, Fan Assembly, & Air Duct
Cables	Distributed in device & power cord
Fans	Fan Assembly
Special notes	
* Flame retardant of plastics do not contai	n PBB and PBDE.

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Assemblies Covered:					
SR1695GPRX (786-1147-00)					

Annex A

Producer:	<company addressing="" name,="" on="" other="" producer="" the=""></company>
Scope of information sheet:	< product category as in Annex IA of WEEE Directive, or type of equipment as in Annex 1B of WEEE Directive, or producer's Product Family, or single products identified by brand and model name >

Component or Material	Remarks / Location	
Battery (internal *) containing Mercury (Hg)/ NiCad/Lithium/ Other	Lithium battery J located on the motherboard	
Backlighting lamps of LCD/TFT or similar screens containing Mercury (Hg)	NONE	
Mercury (Hg) in other applications**	NONE	
Cadmium**	NONE	
Gas discharge lamps	NONE	
Plastic containing brominated flame retardants other than in Printed Circuit Assemblies ***	NONE	
Liquid Crystal Displays with a surface greater than 100 cm2	NONE	
Capacitors with PCB's	NONE	
Capacitors with substances of concern**** + height > 25 mm, diameter > 25 mm or proportionately similar volume	NONE	
Asbestos	NONE	
Refractory ceramic fibres	NONE	
Radio-active substances	NONE	
Beryllium Oxide	NONE	
Other forms of Beryllium	BE-CU in some connector contacts	
Gasses - which fall under Regulation (EC) 2037/2000 and all hydrocarbons (HC).	NONE	
Components with pressurised gas which need special attention (Pressure > 1,5 bar) *****	NONE	
Liquids ***** if volume > 10 cl (or equivalence in weight, e.g. for PCB, oil)	NONE	
Mechanical components that store mechanical energy (i.e. springs) or equivalent parts which need special attention ***** (diameter > 10 mm and height > 25 mm or proportionally similar volume and expanding)	NONE	
PBDE (deca- & octa-BDE) and Perfluorocatane sulfantes (PFOS) in Directive 2006/122/EC	NONE	

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Unit Disassembly for WEEE						
Document Number / Disk File:	By:	Current Rev:	Date:			
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Assemblies Covered:	·					
SR1695GPRX (786-1147-00)						

- = arrow indicates the need for the location of the compartment/ substances within the product. When the location of a substance/ components is requested, it is at part level, e.g. main board, housing etc
- * Internal means that batteries can only be removed by opening the product by means of (a) tool(s).
- ** Substances are considered to be in the product if present above the levels specified in Commission Decision 2005/618/EC related to Directive 2002/95/(EC) (RoHS Directive) or if their use is permitted through exemptions in the Annex of Directive 2002/95(EC)
- *** To be coherent with industry current standards and practices on tracking of plastic parts, Directive 2002/96 (EC) Annex II requirement is understood to focus on plastic parts that weight more than 25 g.
- **** Substance of concern other than PCB, to be specified/ addressed further in the context of Directive 2002/96 (EC) Annex II national requirements and European developments
- ***** Needs of equivalent nature as those for maintenance, service manuals and installation for safety purposes.