

# Intel<sup>®</sup> 4-Processor Server System S7000FC4UR Configuration Guide Intel Value and Enterprise Servers

Rev 1.7

A reference guide to assist customers in ordering components to configure

**S7000FC4UR**

**4-Processor 4U SAS 2.5" and 3.5" Server**

Revisions/Additions in blue font



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## 2. Revision History

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| Date           | Rev  | Modification                                                                                                                               |
|----------------|------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Aug 29, 2006   | 0.1  | NPI Draft                                                                                                                                  |
| Dec 1, 2006    | 0.2  | Alpha MM#s Added                                                                                                                           |
| Jan 15, 2006   | 0.3  | Added Beta Placeholders                                                                                                                    |
| Feb 25, 2007   | 0.6  | Updated Production and Beta SKU information                                                                                                |
| Mar 25, 2007   | 0.9  | Updated Production Placeholders and Silver SKU information                                                                                 |
| April 20, 2007 | 0.95 | Updated Production MM#s and Added Spares SKUs                                                                                              |
| June 22, 2007  | 0.98 | Updated Production MM #s, added spares and Value vs. Enterprise pages                                                                      |
| July 15, 2007  | 1.0  | Promoted to rev 1.0 status, removed Pre-Production Order Codes, Improved description of FFCCABLEKIT, added Boxed Processor Reference codes |
| July 30, 2007  | 1.1  | Updated Config table with corrections                                                                                                      |
| Sept 1, 2007   | 1.2  | Revised with Corrections                                                                                                                   |
| April 21, 2008 | 1.3  | Updated MM#s                                                                                                                               |
| Sept 1, 2008   | 1.4  | Updated MM#s                                                                                                                               |
| Sept 12, 2008  | 1.5  | Updated MM#s, and added Dunnington Boxed and Tray Processor Reference Codes                                                                |
| Dec 1, 2008    | 1.6  | Updated MM#s                                                                                                                               |
| Jan 7, 2009    | 1.7  | Added new SFC4URX 3.5" SKU and new spare Hot Swap Backplane; updated MM#                                                                   |

## 3. Important Notes

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1. Each S7000FC4UR server system can accommodate up to four memory boards. System SKUs include one memory board in the base configuration.
2. Product code SFC4URE comes preconfigured with redundant cooling and power.
3. Product code SFC4UR comes preconfigured with 1 power supply and an empty second power supply bay and 2 of 4 rear fan modules. Additional accessories may be ordered for redundant power and cooling configuration requirements.
4. Systems will not ship with processors, hard drives, or memory. These parts must be obtained separately.
5. Heat sinks are not included with any server systems.
6. Processor thermal blanks must be ordered separately (if no processor is installed).
7. The S7000FC4UR memory board supports FBD 533 or 667 registered DIMMs.
8. The Intel factory will package board orders into single order packaging and ship to fill customer orders. Each board MM is a self-contained shipping package of one board.
9. Power cords are not shipped with the system and must be obtained from local suppliers.
10. All parts listed below are fully RoHS compliant.
11. The SFC4URX 3.5" SKU requires a Host Bus Adapter (HBA) or RAID Adapter for operation. The SAS Riser AFCSASRISER is not used with this SKU. Please refer to the Intel® Server System S7000FC4UR Tested Hardware and Operating System List or consult your Intel support representative.

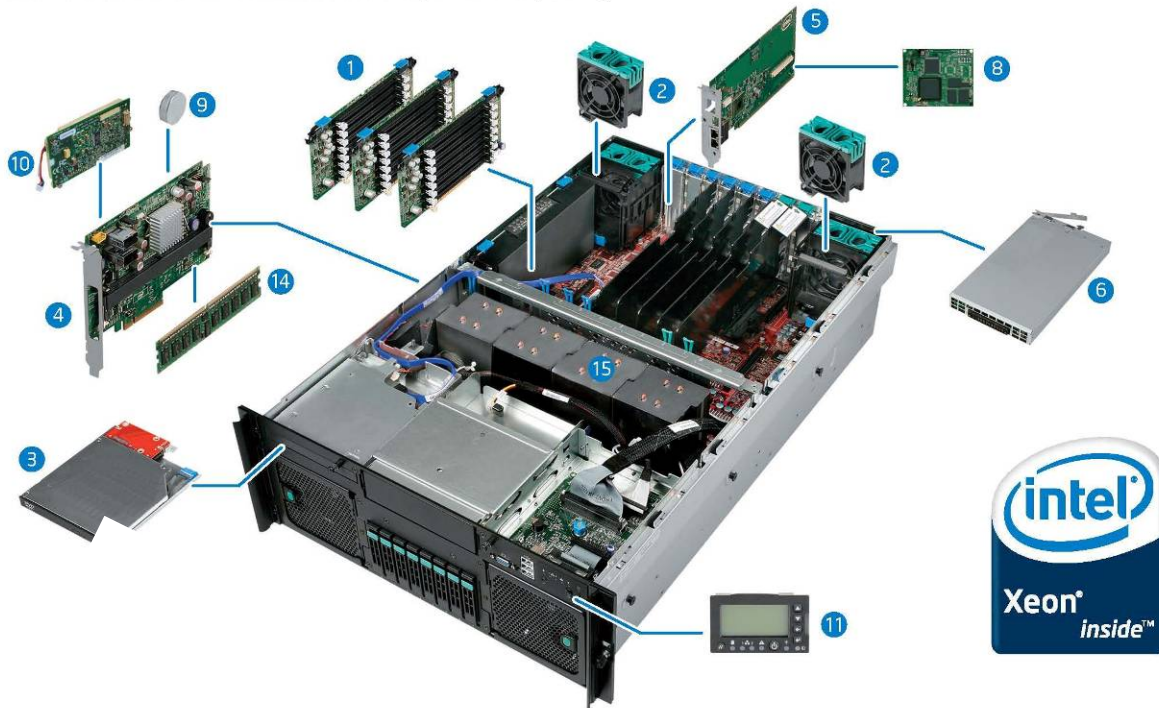
## 4. Base System SKU Contents

| System Part Description                              | SFC4URE<br>Enterprise<br>SKU<br>Production | SFC4UR<br>Value<br>SKU<br>Production | SFC4URX<br>3.5"<br>SKU<br>Production |
|------------------------------------------------------|--------------------------------------------|--------------------------------------|--------------------------------------|
| 1/2" DVD-ROM Drive                                   | 1                                          | 0                                    | 0                                    |
| Base Chassis                                         | 1                                          | 1                                    | 1                                    |
| Baseboard                                            | 1                                          | 1                                    | 1                                    |
| Bezel                                                | 0                                          | 0                                    | 0                                    |
| Button Control Panel                                 | 1                                          | 1                                    | 1                                    |
| Button panel cable                                   | 1                                          | 1                                    | 1                                    |
| Drive Power Cable (Tape Backup and DVD-ROM)          | 1                                          | 1                                    | 1                                    |
| Fan Power Cable                                      | 1                                          | 1                                    | 1                                    |
| Front Fan Module                                     | 2                                          | 2                                    | 2                                    |
| Front Panel Cable (SAS to Front Panel)               | 1                                          | 1                                    | 1                                    |
| Front Panel IO board                                 | 1                                          | 1                                    | 1                                    |
| Integrated RAID activation key                       | 0                                          | 0                                    | 0                                    |
| Integrated RAID Battery                              | 0                                          | 0                                    | 0                                    |
| Integrated RAID Memory                               | 0                                          | 0                                    | 0                                    |
| Intel LCD Control Panel                              | 0                                          | 0                                    | 0                                    |
| Intel Remote Management Module                       | 0                                          | 0                                    | 0                                    |
| IO Riser                                             | 1                                          | 0                                    | 0                                    |
| Memory Board (8 Slots per board) with 8 DIMM fillers | 1                                          | 1                                    | 1                                    |
| Memory Board Filler Baffles                          | NA                                         | NA                                   | NA                                   |
| Power Supply Filler Panel                            | NA                                         | NA                                   | NA                                   |
| Power Supply Modules (15Amp, 110/220V)               | 2                                          | 1                                    | 1                                    |
| Processor Heatsinks                                  | 0                                          | 0                                    | 0                                    |
| Processor Thermal Dummy                              | 0                                          | 0                                    | 0                                    |
| Rack Faceplate Assembly                              | 1                                          | 1                                    | 1                                    |
| Rack Handles (Pair)                                  | 1                                          | 1                                    | 1                                    |
| Rear Fan Module                                      | 4                                          | 2                                    | 2                                    |
| Sample Safety Label                                  | 1                                          | 1                                    | 1                                    |
| SAS Riser to backplane cable                         | 2                                          | 0                                    | 0                                    |
| SAS Riser with Integrated RAID capability (Intel)    | 1                                          | 0                                    | 0                                    |
| SAS/SATA 4U Backplane Board                          | 1                                          | 1                                    | 1                                    |
| SAS/SATA HDD Carrier (Black) 2.5"                    | 8                                          | 8                                    | NA                                   |
| SAS/SATA HDD Carrier (Black) 3.5"                    | NA                                         | NA                                   | 5                                    |
| SATA Optical drive cable                             | 1                                          | 1                                    | 1                                    |
| SATA to IDE converter board                          | 1                                          | 1                                    | 1                                    |
| System Packaging (with Intel labeling)               | 1                                          | 1                                    | 1                                    |
| System Serial # Label                                | 1                                          | 1                                    | 1                                    |

## 5. Value and Enterprise System SKU Comparison

### Intel® Server System S7000FC4UR - Value SKU (SFC4UR)

Greater Value for Customizable Enterprise Computing



#### Standard Build:

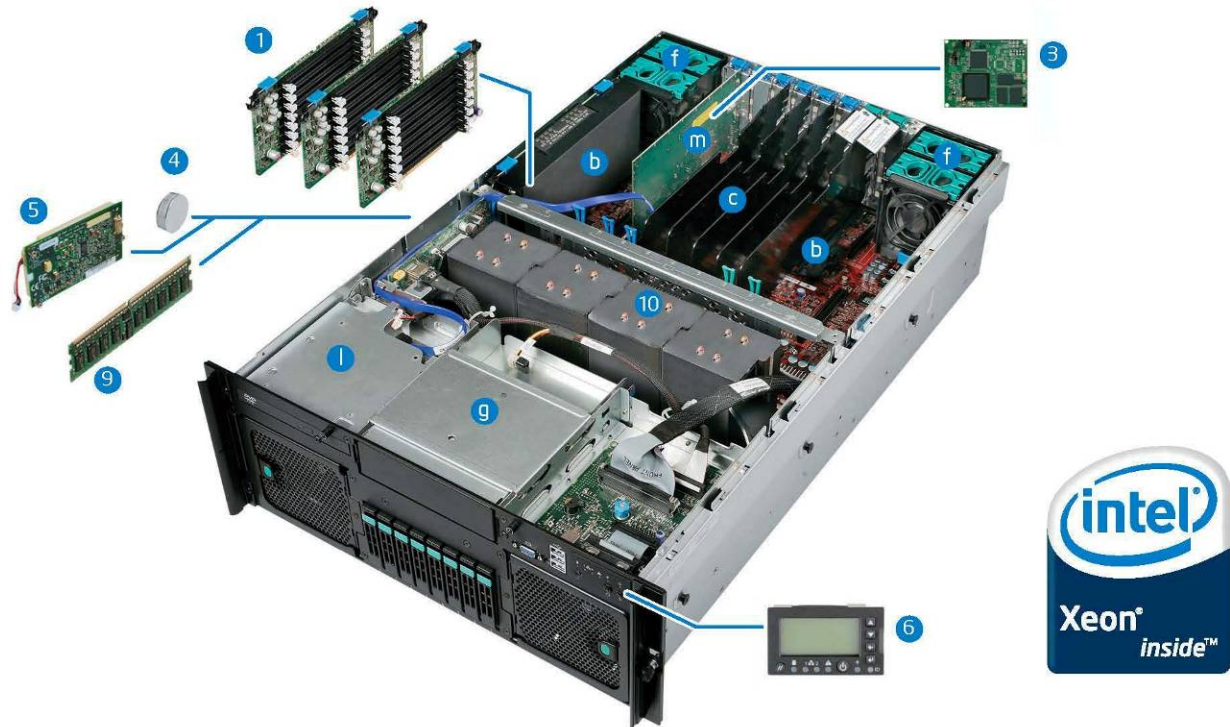
- Support for up to four Quad-Core Intel® Xeon® processors 7300 series or Dual-Core Intel Xeon processors 7200 series
- Support for up to 32 Fully Buffered DIMM sockets DDR2 533/667; support for memory sparing and mirroring
- Support for hot-plug PCI Express\* (PCIe) plus seven total PCIe slots—four PCIe x8 (two hot-plug slots), three PCIe x4
- Up to four hot-swap hard-drive bays that support up to four 2.5-inch SATA hard drives with software RAID 0, 1 support
- Two front hot-swap variable-speed fan modules
- Two rear hot-swap variable-speed fan modules
- 5.25-inch peripheral bay for internal backup and archive
- Dual Onboard Gigabit (Gb) Ethernet ports

#### Accessories and Upgrades:

- Support for up to four 8 DIMM memory boards (BFCMEM)
- Two rear hot-swap variable-speed fan modules for 1+1 redundancy (FFC4UBKFAN)
- DVD ROM/CD ROM for removable media (AFCDVD)
- SASriser module for support of up to eight SAS/SATA 2.5 inch hot-swap hard disk drives, and Intel® Integrated RAID support (AFCASRISER)
- Integrated network I/O expansion module (FFCIORISER) provides additional dual Gb NIC ports, and support for Intel® Remote Management Module 2
- Hot-swap 110V/240V, 1570 W power supply module, for 1+1 redundant power (AFC4UPWR)
- Black front bezel (AHW4URBEZEL)
- Intel Remote Management Module 2 (AXXRMM2)—requires Intel® I/O remote management module
- Intel® Integrated RAID activation key HW RAID support for 0, 1, 1A, 5, 6, 10, 50, 60 (AXXRAKSAS2)
- Intel® integrated RAID backup battery 4, for persistent RAID settings during full power loss (AXXRSBBU4)
- Intel® Local Control Panel Display, replaces button control panel (AXXLCPMOD2)
- Rack cable management arm (AXXCMA3U7U)
- Rack rails—tool-less J-hook design (AXXRAIL3U7U)
- RAID DDR2 667 DIMM memory
- Processor heat sinks (AFCPROCHS)

# Intel® Server System S7000FC4UR - Enterprise SKU (SFC4URE)

Peak Performance for Enterprise Computing and Complex Transactions Out of the Box



## Standard Build:

- a. Support for up to four Quad-Core Intel® Xeon® processors 7300 series or Dual-Core Intel Xeon processors 7200 series
- b. Support for up to 32 dual inline memory module (DIMM) sockets 533/667; support for memory sparing and mirroring
- c. Support for hot-plug PCI Express® (PCIe) plus seven total PCIe slots—four PCIe x8 (two hot-plug slots), three PCIe x4
- d. Up to eight SAS/SATA 2.5-inch hot-swap hard disk drives, and Intel Integrated RAID support
- e. Two front redundant hot-swap variable-speed fan modules
- f. Four rear redundant hot-swap variable-speed fan modules
- g. 5.25-inch peripheral bay for internal backup and archive
- h. Dual Onboard Gigabit (Gb) Ethernet ports
- i. Dual embedded Gb network ports (via Integrated Network I/O Expansion Module)
- j. Redundant 1+1 cooling front and rear
- k. Redundant 1+1 110V/240V power supply modules
- l. DVD-ROM/CD-ROM for removable media
- m. Integrated Network I/O Expansion Module (provides support for Intel® Remote Management Module)

## Accessories and Upgrades:

- 1. Support for up to four 8 DIMM Memory Boards (BFCMEM)
- 2. Black front bezel (AHW4URBEZEL)
- 3. Intel® Remote Management Module 2 (AXXRMM2)
- 4. Intel® Integrated RAID activation key HW RAID support for 0, 1, 1A, 5, 6, 10, 50, 60 (AXXRAKSAS2)
- 5. Intel® Integrated RAID Backup Battery 4, for persistent RAID settings during full power loss (AXXRSBBU4)
- 6. Intel® Local Control Panel Display, replaces button control panel (AXXLCPMOD2)
- 7. Rack cable management arm (AXXCMA3U7U)
- 8. Rack rails: tool-free J-hook design (AXXRAIL3U7U)
- 9. RAID DDR2 667 DIMM memory
- 10. Processor heat sinks (AFCPROCHS)

# 6. Production System Configuration Options

SFC4UR  
Value 4U Server



OR

SFC4URE  
Enterprise 4U Server

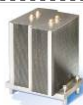


OR

SFC4URX 3.5"  
4U Server



Mandatory Accessories



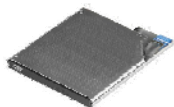
Processor  
Heatsink

OR



Processor  
Blank

Optional Accessories



DVD-ROM  
Drive



SAS Expansion  
Module



I/O Module



Redundant  
Power Supply



Redundant Fans

Included in SFC4URE



Up to 3 additional  
memory boards.



ROMB Key  
and Battery



Remote Management  
Module 2 (RMM2)



Rack Rails and  
CMA



Bezel

## 7. Base System Part Configurator

| Mandatory Accessories                                                                                                  |                                                                                                                     |
|------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| Feature                                                                                                                | Product                                                                                                             |
| Processor<br>Heat Sinks and Blanks<br><i>(All 4 sockets must have Processor + Heatsink<br/>OR<br/>Processor Blank)</i> | Processor heat sink<br><b>AFCPROCHS</b>                                                                             |
|                                                                                                                        | Processor blank<br><b>AFCPROCBLANK</b>                                                                              |
| Optional Accessories                                                                                                   |                                                                                                                     |
| Feature                                                                                                                | Product                                                                                                             |
| LCD Control Panel                                                                                                      | LCD control panel<br><b>AXXLCPMOD2</b>                                                                              |
| Memory board                                                                                                           | 8 DIMM memory board<br><b>BFCMEM</b>                                                                                |
| RAID Solutions                                                                                                         | Intel® SAS 2.5" RAID Activation Key<br><b>AXXRAKSAS2</b><br><i>(only used with SAS Module above)</i>                |
|                                                                                                                        | Intel® RAID Smart Battery<br><b>AXXRSBBU4</b><br><i>(only used with SAS Module and Activation Key above)</i>        |
| Rack Mount Solutions                                                                                                   | Rack rails<br><b>AXXRAIL3U7U</b>                                                                                    |
|                                                                                                                        | Cable Management Arm<br><b>AXXCMA3U7U</b>                                                                           |
| Front Bezel                                                                                                            | 4U Front bezel for rack mount<br><b>AHW4URBEZEL</b>                                                                 |
| Intel® Remote Server Management Module (RMM2)                                                                          | RMM requires Network IO Module (FFCIORISER) to connect<br><b>AXXRMM2</b><br><i>(only used with IO Module above)</i> |
| <b><i>Below Accessories are included in Enterprise System SKU (SRFC4URE)</i></b>                                       |                                                                                                                     |
| SAS Module                                                                                                             | Enables SAS Storage Capability with Intel Integrated RAID<br><b>AFCASRISER</b>                                      |
| Integrated Network IO Module                                                                                           | Dual Channel NIC Module, with connector for RMM2<br><b>FFCIORISER</b>                                               |
| Redundant Rear Fans                                                                                                    | Additional Cooling Reliability to Server (+2 fans per Server)<br><b>FFC4UBKFAN</b>                                  |
| Redundant Power Supply                                                                                                 | Additional Power Reliability to Server (+1 per Server)<br><b>AFC4UPWR</b>                                           |
| Optical DVD Media Drive                                                                                                | DVD-ROM drive<br><b>AFCDVD</b>                                                                                      |

## 8. Complete Product Production Ordering Code Listings

The following table lists all of the product codes applicable to the Fox Cove platform (sorted by category). Following the table are individual document sections which provide additional product descriptions for each product code.

### 8.1 Table 1: Base System Codes

| Image                                                                            | MM / UPC | Product Code | Description of Product                                         | Qty Per | Min Order |
|----------------------------------------------------------------------------------|----------|--------------|----------------------------------------------------------------|---------|-----------|
|  | 899977   | SFC4UR       | Intel® Server System S7000FC4UR. Base Customizable (Value SKU) | 1       | 1         |
|  | 899982   | SFC4URE      | Intel® Server System S7000FC4UR. (Enterprise SKU)              | 1       | 1         |
|  | 900851   | SFC4URX      | Intel® Server System S7000FC4UR. (3.5" SKU)                    | 1       | 1         |

### 8.2 Table 2: System Accessory Codes

| Image                                                                               | MM / UPC | Product Code | Description of Product                                                                                                 | Qty Per | Min Order |
|-------------------------------------------------------------------------------------|----------|--------------|------------------------------------------------------------------------------------------------------------------------|---------|-----------|
|     | 899976   | BFCMEM       | S7000FC4UR Memory board, 8 DIMM slots, FBD-533/667. Single-Pack.                                                       | 1       | 1         |
|     | 891016   | AFC4UPWR     | Power supply module. 4U. 15Amp, 110/220V.                                                                              | 1       | 1         |
|   | 891013   | AFCPROCHS    | Intel® CEK processor heat sink.                                                                                        | 1       | 1         |
|   | 861922   | AHW4URBEZEL  | Bezel for front of S7000FC4UR.                                                                                         | 1       | 1         |
|   | 891014   | AFCPROCBLANK | Intel® CEK processor blank. One required for every empty processor slot to maintain proper airflow for cooling.        | 1       | 1         |
|   | 881379   | AXXBCPMOD2   | Button Control Panel Module.                                                                                           | 1       | 1         |
|   | 879578   | AXXLCPMOD2   | Intel® Local Control Panel                                                                                             |         |           |
|   | 862119   | AXXCMA3U7U   | Rack cable management arm. 3U-7U chassis. Does not include the rack rails. Supports S7000FC4UR.                        | 1       | 1         |
|   | 881844   | AXXRAIL3U7U  | Rack rails for 3U-7U chassis. Does not include the cable management arm. Tool-less J-hook design. Supports S7000FC4UR. | 1       | 1         |
|  | 892106   | AFCSASRISER  | SAS Controller Module with Integrated RAID for S7000FC4UR. Includes interconnect cables: 2X SAS cables and SES cable.  | 1       | 1         |
|  | 891290   | AXXRAKSAS2   | Intel® SAS RAID Activation Key.                                                                                        | 1       | 5         |

|                                                                                  |                        |                               |                                                     |                    |                   |
|----------------------------------------------------------------------------------|------------------------|-------------------------------|-----------------------------------------------------|--------------------|-------------------|
|   | 899346                 | AXXRSBBU4                     | Intel® RAID Smart Battery.                          | 1                  | 5                 |
|  | 894383                 | AXXRMM2                       | Intel® Remote Management Module.                    | 1                  | 1                 |
|  | 881681                 | FXX25HDDCAR                   | Intel® 2.5" SAS Hard Drive Carrier.                 | 10                 | 1                 |
|                                                                                  | <a href="#">880265</a> | <a href="#">FXX10DVCARBLK</a> | <a href="#">Intel® 3.5" SAS Hard Drive Carrier.</a> | <a href="#">10</a> | <a href="#">1</a> |
|  | 891932                 | AFCDVD                        | Slim Line DVD Spare                                 | 1                  | 1                 |
|  | 891570                 | FFC4UBKFAN                    | Rear System fans for the S7000FC4UR.                | 2                  | 1                 |

**Table 3: System Field Replaceable Units (FRUs) and Spare Part Codes**

| Image                                                                             | MM /<br>UPC | Product Code | Description of Product                                                                                                          | Qty<br>Per | Min<br>Order |
|-----------------------------------------------------------------------------------|-------------|--------------|---------------------------------------------------------------------------------------------------------------------------------|------------|--------------|
|   | 899975      | BFCBASE      | Intel® Server Base board for S7000FC4UR                                                                                         | 1          | 1            |
| BRD                                                                               | 881385      | FHW4UFRTPNL  | Control Panel IO Board for S7000FC4UR.                                                                                          | 1          | 1            |
| Spare                                                                             | 891614      | FFC4UPLAS    | Processor (Top/Bottom) Air Ducts, PCI Divider assembly, PCI Card hold down latch assemblies (25 green, 25 blue) for S7000FC4UR. | 1          | 1            |
| Spare                                                                             | 891583      | FFCINTRU     | Cable: Intrusion switch for S7000FC4UR.                                                                                         | 1          | 1            |
|  | 891440      | FFCIORISER   | Dual channel NIC and RMM attach IO Riser for S7000FC4UR.                                                                        | 1          | 1            |
|  | 898557      | FFCSASRISER  | SAS Controller Module with Integrated RAID for S7000FC4UR.                                                                      | 1          | 1            |
| Spare                                                                             | 885051      | FHW4U2SASBP  | SAS 2.5" 4U backplane for S7000FC4UR.                                                                                           | 1          | 1            |
| Spare                                                                             | 876328      | FHW4U3SASBP  | SAS 3.5" 4U backplane for S7000FC4UR.                                                                                           | 1          | 1            |
|   | 881380      | FHW4UFAN     | Front System fan for the S7000FC4UR.                                                                                            | 1          | 1            |
| Spare                                                                             | 881390      | FHW4UPDB     | Power distribution board for SR4850HW4.                                                                                         | 1          | 1            |
| Spare                                                                             | 891572      | FFC4UINTSATA | Cable: Baseboard x4 SATA Port to SAS HDD backplane. (7 pin)                                                                     | 1          | 1            |
| Spare                                                                             | 870273      | FHWSATAIDE   | SATA to IDE conversion board.                                                                                                   | 1          | 1            |
| Spare                                                                             | 891600      | FFCCABLEKIT  | S7000FC4UR System Cables Bundle (Includes all of the Cables Below)                                                              | 1          | 1            |
|                                                                                   |             |              | Cable: Baseboard x1 SATA Port to Optical Media Drive. (7 pin)                                                                   | 1          |              |
|                                                                                   |             |              | Cable: Front panel control to front panel I/O                                                                                   | 1          |              |
|                                                                                   |             |              | Cable: Front panel I/O to HDD Backplane for S7000FC4UR. (34 pin)                                                                | 1          |              |
|                                                                                   |             |              | Cable: Front panel IO to Baseboard for S7000FC4UR. (100 pin)                                                                    | 1          |              |
|                                                                                   |             |              | Cable: Front Fan Power cable                                                                                                    | 1          |              |
|                                                                                   |             |              | Cable: Internal SAS Riser to 2.5" Backplane.                                                                                    | 2          |              |
|                                                                                   |             |              | Cable: 5.25" Peripheral bay to SAS HDD Backplane for S7000FC4UR. (4 pin power)                                                  | 1          |              |
|                                                                                   |             |              | Cable: SES SAS Module Riser to SAS backplane LED Fault cable (3 pin)                                                            | 1          |              |

## 9. Processor Codes Reference

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### 9.1 Tray Processor Codes Reference

| Category       | Product Code | Description                                                            |
|----------------|--------------|------------------------------------------------------------------------|
| Tray Processor | 80565KH0778M | 2.93 GHz / 2X4M Quad-Core Intel® Xeon® processor X7350 (Tigerton 130W) |
| Tray Processor | 80565JH0368M | 1.86 GHz / 2X4M Quad-Core Intel® Xeon® processor L7345 (Tigerton 50W)  |
| Tray Processor | 80565QH0568M | 2.40 GHz / 2X4M Quad-Core Intel® Xeon® processor E7340 (Tigerton 80W)  |
| Tray Processor | 80565QH0566M | 2.40 GHz / 2X3M Quad-Core Intel® Xeon® processor E7330 (Tigerton 80W)  |
| Tray Processor | 80565QH0464M | 2.13 GHz / 2X2M Quad-Core Intel® Xeon® processor E7320 (Tigerton 80W)  |
| Tray Processor | 80565QH0254M | 1.60 GHz / 2X2M Quad-Core Intel® Xeon® processor E7310 (Tigerton 80W)  |
| Tray Processor | 80564QH0778M | 2.93 GHz / 2X4M Dual-Core Intel® Xeon® processor E7220 (Tigerton 80W)  |
| Tray Processor | 80564QH0568M | 2.40 GHz / 2X4M Dual-Core Intel® Xeon® processor E7210 (Tigerton 80W)  |

| Category       | Product Code  | Description                                                            |
|----------------|---------------|------------------------------------------------------------------------|
| Tray Processor | 80582KH067007 | 2.66 GHz / 16M Six-Core Intel® Xeon® Processor X7460 (Dunnington 130W) |
| Tray Processor | 80582JH046003 | 2.13 GHz / 12M Six-Core Intel® Xeon® Processor L7455 (Dunnington 65W)  |
| Tray Processor | 80583JH046003 | 2.13 GHz / 12M Quad-Core Intel® Xeon® Processor L7445 (Dunnington 50W) |
| Tray Processor | 80582QH056003 | 2.40 GHz / 12M Six-Core Intel® Xeon® Processor E7450 (Dunnington 90W)  |
| Tray Processor | 80583QH056007 | 2.40 GHz / 16M Quad-Core Intel® Xeon® Processor E7440 (Dunnington 90W) |
| Tray Processor | 80583QH046003 | 2.13 GHz / 12M Quad-Core Intel® Xeon® Processor E7430 (Dunnington 90W) |
| Tray Processor | 80583QH0468M  | 2.40 GHz / 8M Quad-Core Intel® Xeon® Processor E7420 (Dunnington 90W)  |

### 9.2 Boxed Processor Codes Reference (does not include Heatsink)

| Category        | Product Code | Description                                                            |
|-----------------|--------------|------------------------------------------------------------------------|
| Boxed Processor | BX80565X7350 | 2.93 GHz / 2X4M Quad-Core Intel® Xeon® processor X7350 (Tigerton 130W) |
| Boxed Processor | BX80565E7340 | 2.40 GHz / 2X4M Quad-Core Intel® Xeon® processor E7340 (Tigerton 80W)  |
| Boxed Processor | BX80565E7330 | 2.40 GHz / 2X3M Quad-Core Intel® Xeon® processor E7330 (Tigerton 80W)  |
| Boxed Processor | BX80565E7320 | 2.13 GHz / 2X2M Quad-Core Intel® Xeon® processor E7320 (Tigerton 80W)  |
| Boxed Processor | BX80565E7310 | 1.60 GHz / 2X2M Quad-Core Intel® Xeon® processor E7310 (Tigerton 80W)  |

| Category        | Product Code | Description                                                            |
|-----------------|--------------|------------------------------------------------------------------------|
| Boxed Processor | BX80582X7460 | 2.66 GHz / 16M Six-Core Intel® Xeon® Processor X7460 (Dunnington 130W) |
| Boxed Processor | BX80582E7450 | 2.40 GHz / 12M Six-Core Intel® Xeon® Processor E7450 (Dunnington 90W)  |
| Boxed Processor | BX80583E7440 | 2.40 GHz / 16M Quad-Core Intel® Xeon® Processor E7440 (Dunnington 90W) |
| Boxed Processor | BX80583E7420 | 2.40 GHz / 8M Quad-Core Intel® Xeon® Processor E7420 (Dunnington 90W)  |

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Intel:

FFCSASRISER



**Стандарт  
Электрон  
Связь**

Мы молодая и активно развивающаяся компания в области поставок электронных компонентов. Мы поставляем электронные компоненты отечественного и импортного производства напрямую от производителей и с крупнейших складов мира.

Благодаря сотрудничеству с мировыми поставщиками мы осуществляем комплексные и плановые поставки широчайшего спектра электронных компонентов.

Собственная эффективная логистика и склад в обеспечивает надежную поставку продукции в точно указанные сроки по всей России.

Мы осуществляем техническую поддержку нашим клиентам и предпродажную проверку качества продукции. На все поставляемые продукты мы предоставляем гарантию .

Осуществляем поставки продукции под контролем ВП МО РФ на предприятия военно-промышленного комплекса России , а также работаем в рамках 275 ФЗ с открытием отдельных счетов в уполномоченном банке. Система менеджмента качества компании соответствует требованиям ГОСТ ISO 9001.

Минимальные сроки поставки, гибкие цены, неограниченный ассортимент и индивидуальный подход к клиентам являются основой для выстраивания долгосрочного и эффективного сотрудничества с предприятиями радиоэлектронной промышленности, предприятиями ВПК и научно-исследовательскими институтами России.

С нами вы становитесь еще успешнее!

**Наши контакты:**

**Телефон:** +7 812 627 14 35

**Электронная почта:** [sales@st-electron.ru](mailto:sales@st-electron.ru)

**Адрес:** 198099, Санкт-Петербург,  
Промышленная ул, дом № 19, литера Н,  
помещение 100-Н Офис 331