

## Intel SR2500ALLXR server barebone Intel® 5000P LGA 771 (Socket J) Rack (2U) Metallic

**Brand :** Intel

**Product code:** SR2500ALLXR

**Product name :** SR2500ALLXR



Server System SR2500ALLXR

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A family of rack-optimized highly integrated server systems designed for flexible, high-density server solutions

Intel® Server Systems SR1500AL, SR1550AL, and SR2500AL are intended to provide different levels of power and cooling redundancy and flexible storage solutions including 2.5"/3.5" SATA or SAS drives, as well as support for both tape drives and optical drives. These systems designed for space-constrained environments are optimized in either a 1U, 1U with redundant power or a 2U form-factor. The 1U systems (Intel® Server Systems SR1500AL, SR1550AL) are designed for organizations running front-end Internet, Web-hosting, and high performance computing (HPC) applications. The 2U system (Intel® Server System SR2500AL) can handle more demanding departmental database, datacenter and other high-transaction applications.



| Processor                                      |  | Features   |             |
|--|--|--|-------------|
| Motherboard chipset *                          | Intel® 5000P                           | Export Control Classification Number (ECCN)                | 5A992C      |
| Processor socket *                             | LGA 771 (Socket J)                     | Commodity Classification Automated Tracking System (CCATS) | G135162     |
| Processor family                               | Intel                                  | ARK ID   | 48647       |
| Number of processors supported *               | 2                                      | <b>Logistics data</b>                                      |             |
| Supported processor frequency (max)            | 3.333 GHz                              | Harmonized System (HS) code                                | 8473305100  |
| Processor system buses supported               | 667,800,1066,1333 MHz                  | <b>Processor special features</b>                          |             |
| Maximum internal memory supported by processor | 64 GB                                  | Intel Remote Management Module Support                     | AXXRMM2     |
| Compatible processor series                    | Intel® Xeon®                           | Connector for Intel I/O Expansion Module x4 Gen 1          | 1           |
| <b>Memory</b>                                  |  | <b>BIOS</b>  |             |
| Number of DIMM slots *                         | 8                                      | BIOS memory size   | 64 Mbit     |
| Supported memory types *                       | FBDIMM                                 | <b>Design</b>  |             |
| Maximum internal memory ECC                    | 64.12 GB ✓                             | Chassis type *   | Rack (2U)   |
| <b>Storage</b>                                 |  | Product colour   | Metallic    |
| Number of storage drives supported *           | 5                                      | Redundant fans support                                     | ✓           |
| Hot-swap HDD bays *                            | ✓                                      | <b>Power</b>   |             |
| Number of 3.5" bays                            | 5                                      | Power supply type  | AC          |
| Storage drive sizes supported                  | 3.5"                                   | Power supply *   | 750 W       |
| Supported storage drive interfaces             | Serial Attached SCSI (SAS), Serial ATA | Redundant power supply (RPS) support                       | ✓           |
| <b>Graphics</b>                                |  | Number of power supply units                               | 1           |
| Maximum graphics card memory                   | 16 MB                                  | <b>Operational conditions</b>                              |             |
| <b>Network</b>                                 |  | Operating temperature (T-T)                                | 10 - 35 °C  |
| Ethernet LAN                                   | ✓                                      | Storage temperature (T-T)                                  | -40 - 70 °C |
| Ethernet interface type                        | Fast Ethernet, Gigabit Ethernet        | Storage relative humidity (H-H)                            | 30 - 95%    |
| Ethernet LAN data rates                        | 10,100,1000 Mbit/s                     | <b>Weight &amp; dimensions</b>                             |             |
| <b>Ports &amp; interfaces</b>                  |  | Width  | 430 mm      |
| USB 2.0 ports quantity *                       | 2                                      | Depth  | 692 mm      |
| Ethernet LAN (RJ-45) ports *                   | 2                                      | Height   | 87.4 mm     |
| VGA (D-Sub) ports quantity                     | 1                                      |  |             |
| Serial ports quantity                          | 2                                      |  |             |
| Number of SATA connectors                      | 6                                      |  |             |

| Ports & interfaces             |          | Packaging data               |  |
|--------------------------------|----------|------------------------------|--|
| Number of SAS ports            | 8        |                              | (5) Drive Carriers; (1) Bridge Board; (1) Full-Height PCI Express/PCI-x Riser; (1) Low-Profile PCI Express Riser; (1) Active SAS Midplane; (1) SAS/SATA Backplane; (1) Power Distribution Board; (1) Redundant 750W power supply; (1) Standard Control Panel; (6) Hot-Swap Redundant Cooling Fans; (1) Slimline Optical Drive Carrier; (1) Air Duct and Baffle |
| Expansion slots                |          | Packaging content            |  |
| PCI Express slots version      | 1.0, 1.1 |                              |  |
| PCI Express x4 slots           | 2        |                              |  |
| PCI Express x8 slots           | 2        |                              |  |
| PCI Express x4 (Gen 1.x) slots | 1        |                              |  |
| PCI Express x8 (Gen 1.x) slots | 2        |                              |  |
| PCI-X slots                    | 2        |                              |  |
| Features                       |          | Other features               |  |
| Integrated BMC with IPMI       | ✓        | CPU configuration (max)      | 2  |
| Backplanes                     | Included | On-board graphics card       | ✓  |
| Backplanes support             | ✓        | 3.5" HDD support             | Standard 5 x 3.5" hot-swap SAS/SATA. Optional 6th or Tape-drive  |
| Market segment                 | Server   | Expected discontinuance date | Q2'10  |
|                                |          | Last change                  | 63903513   |
|                                |          | Launch date                  | Q3'06  |
|                                |          | Redundant fans               | Supported  |
|                                |          | Status                       | Discontinued   |
|                                |          | Supported RAID configuration | Upgrade with AXXRAK18E and AXXMINIDIMM512  |
|                                |          | Supported board              | Intel Server Board S5000PALR   |
|                                |          | Maximum memory               | 64.12 GB   |
|                                |          | Product type                 | System   |
|                                |          | Product family               | 2U server system   |
|                                |          | Product series               | Intel SR2500AL   |
|                                |          | Product codename             | Alcolu   |



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