

### Key Features

1. Dual Intel Quad/Dual-Core Xeon 5400/5300LV/5200/5100LV processor
2. Intel 5400 chipset
3. Up to 128GB of ECC Fully-Buffered 800/667 SDRAM
4. 3 PCI-E x8 (2 in Gen 2.0), 1 PCI-E x4, 2 PCI-X 133MHz, 1 UIO slots
5. 6 SATA (3 Gbps) ports support 6 x 3.5" hot-swap SATA drive bays with enclosure management (SGPIO) & 2 x 3.5" spare SATA drive bays
6. Dual LAN w/Intel Gigabit Ethernet controller
7. ATI ES1000 32MB PCI graphics controller
8. 90-degree rotatable module: 6 LED indicators, 2 USB 2.0 ports, 1 FDD & 2 x 5.25 drive bays
9. 100% cooling redundancy : 3 x 8cm hot-swap cooling fans & 2 x 8cm exhaust fans with optimal fan speed control & air shroud
10. Redundant 800W power supply w/I<sup>2</sup>C built-in
11. SIMSO(+)  
(IPMI 2.0 with virtual media over LAN & KVM-over-LAN)



### Processor/Cache

|            |   |
|------------|---|
| Processor  | Dual Intel® Quad/Dual-core Xeon® 5400/5300LV/5200/5100LV sequence processor |
| System Bus | 1600/1333/1066 MHz FSB/12MB L2 Integrated Advanced Transfer Cache           |

### Key Applications

Mission-critical applications, enterprise server, large database, e-business, Internet, on-line transaction processing, NAS

### Chipset/Serverboard

Intel® 5400/Super X7DWN+

### System Memory

|                 |   |
|-----------------|---|
| Memory Capacity | 16 DIMM sockets for up to 128 GB of Fully-Buffered DIMM (FBD) DDRII 800 /667 memory |
|-----------------|---|

### Expansion Slots

3 PCI-Express x8 (2 in Gen 2.0) & 1 PCI-Express x4, 2 64-bit PCI-X 133MHz, 1 UIO slots

### Integrated On-Board

|          |   |
|----------|---|
| SATA     | Intel® controller for 6 SATA (3 Gbps); RAID 0, 1, 5, 10 supported |
| LAN      | Dual Gigabit LAN with Intel® 82575EB Ethernet controller          |
| Graphics | ATI® ES1000 32MB PCI graphics controller                          |

### Front Panel

|                |   |
|----------------|---|
| LED Indicators | Power status, HDD activity, two LAN link/activity, OH/Fan fail LED indication, power fail |
| Switches       | Power switch & reset  |

### Drive Bays

|            |   |
|------------|---|
| Drive Bays | 6 x 3.5" hot-swap SATA drive bays with enclosure management (SGPIO) & 2 x 3.5" spare drive bays |
|------------|---|

### Peripheral Bays

90-degree rotatable module: 6 LED indicators, 2 USB 2.0 ports, 1 FDD & 2 x 5.25 drive bays

### Power Supply

High efficiency redundant 800W hot-swap power supply w/I<sup>2</sup>C built-in

### Cooling System

3 x 8cm hot-swap cooling fans, 2 x 8cm exhaust fans & air shroud

### Form Factor

Tower/4U Rackmount

|           |   |
|-----------|---|
| W x H x D | 17.2"(437mm) x 7"(178mm) x 25.5"(648mm) |
|-----------|---|