

SuperServer 6015TW-T/INF Specifications

Key Features

1. **2x Two Intel Quad-core/Dual-core Xeon 5400/5300LV/5200/5100LV processors**
2. **Intel 5400 chipset 1600/1333/1066MHz**
3. **2x Up to 64GB of Fully-Buffered DIMM 800/667/533**
4. **2x PCI-Express (Gen 2.0) x16 (low-profile)**
5. **2x Onboard Infiniband MT25204 20Gbps Controller (6015TW-INF only)**
6. **2x 2 3.5" hot-swap SATA drive bays**
7. **2x Dual LAN w/Intel Gigabit Ethernet controllers**
8. **2x ATI ES1000 32MB PCI graphics controllers**
9. **2x sets of rear I/O ports including 2 USB, VGA, COM2, 2 LAN ports**
10. **2x sets of 3 x 4cm heavy-duty counter-rotating fans w/optimal fan speed control**
11. **2x sets of SIMSO socket (IPMI 2.0 with virtual media over LAN & KVM-over-LAN)**
12. **980W high-efficiency cold-swap power supply w/I²C**
13. **Independent power control - each node has its own power mgt.**

1U Twin
Two Nodes in 1U



Processor/Cache

Processor	Four Intel® Quad-Core/Dual-Core Xeon® 5400/5300LV / 5200 / 5100LV sequence processors
System Bus	1600 /1333/1066MHz FSB/Up to 12MB L2 Integrated Advanced Transfer Cache

Key Applications

HPC cluster computer nodes, data farm, front-end server, and other computing intensive applications

Chipset/Serverboard

Intel® 5400/Two Super X7DWT-(INF) - "1U Twin" serverboards

System Memory

Memory Capacity	Two sets of 8 DIMM sockets for up to 128GB of Fully-Buffered DIMM (FBD) DDRII 667/533 memory (1.8V and 1.5V Memory Voltage)
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Expansion Slots

Two PCI-Express (Gen 2.0) x16 (low-profile)

Integrated On-Board

SATA	Two Intel® controllers for 4 SATA (3 Gbps); RAID 0, 1, 10 support
Connectivity	Two Dual Gigabit LANs with Intel® 82563EB Ethernet controllers, Two Infiniband MT25204 20Gbps controller (6015TW-INF only)
Graphics	Two ATI® ES1000 32MB PCI graphics controllers

Front Panel

LED Indicators	Two sets of Power status, HDD activity, two LAN link/activity, OH LED indication
Switches	Two sets of independent Power switch & reset buttons

Drive Bays

4 x 3.5" hot-swap SATA drive bays (two HDD for each node)

Rear I/O

2 sets of 2 USB, VGA, COM2, 2 LAN, Infiniband (6015TW-INF only)

Power Supply

980W high-efficiency cold-swap power supply w/I²C

Cooling System

Two set of 3 x 4cm heavy duty fans w/optimal fan speed control

Form Factor

1U Rackmount

W x H x D	17" (432mm) x 1.7" (43mm) x 27.75" (704mm)
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For the most current product information, visit: www.supermicro.com