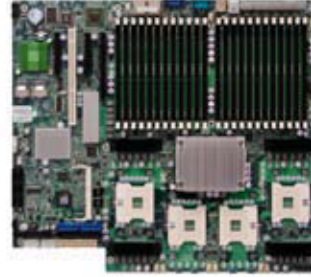


# SUPER<sup>®</sup> X7QC3/X7QCE

## Specifications

### Key Features

1. Intel® 6/4/2-Core 64bit Xeon® MP
2. Intel® Clarksboro Chipset
3. Up to 192Gb of 667 / 533 MHz DDRII ECC FB-DIMM
4. Dual-Port Intel PCI-Express Gigabit Ethernet
5. SATA controller support 6 SATA; RAID 0, 1, 5, 10
6. 2 PCI-E x8, 1 PCI-E x4, 1 PCI-X
7. ATI ES1000 with 32 MB Graphics
8. LSI 1068E 8 Ports SAS Controller ( X7QC3 )



### Processor/Cache

Processor Intel® 74007300/7200 Series Quad / Dual-Core 64bit Xeon®MP

System Bus 1066MHz

### Chipset

Intel® Clarksboro chipset  
ESB2  
Winbond W83627HF chip  
LSI 1068E

### System Memory

Memory Capacity Twenty-four DIMM sockets for up to 192 GB of DDRII ECC FB-DIMM memory

Memory Type DDRII ECC 667/533 FB-DIMM

DIMM Sizes Supports 1GB, 2GB, 4GB, 8GB

Memory Voltage I/O Voltage of 1.8V, 1.5V

### Integrated On-Board

LAN Dual Intel 82575EB PCI-Express Dual-Port Gigabit Ethernet Controller

VGA ATI ES1000 with 32MB memory Graphics

### Expansion Slots

PCI Express/PCI 1 (x8) PCI-e (using x16 slot), 1 (x8) PCI-e , 1 (x4) PCI-e (using x8 slot), 1x 64-bit 133MHz PCI-X

### Onboard I/O ports

SAS LSI 1068E Serial-Attached SCSI (SAS) Controller with RAID 0, 1, 10, and ( RAID 5 w/ iButton option) ( X7QC3 )

SATA Intel ESB2 SATAII Controller support 6 SATA (3 Gbps) ports with RAID 0, 1, 5, 10

USB 2 x USB 2.0/1.1-compliant ports

LAN 2 x RJ45 port

Serial 1 x serial port & 1 header

Keyboard/Mouse 2 x PS/2 ports

### Onboard I/O Connector

- . 1 x ATA/100 EIDE channel for a total of two IDE devices backward compatible.
- . 3 x USB header support addition 5 USB 2.0/1.1
- . 1 x floppy connector

### Desktop Management

Hardware Watch Dog, NMI, Chassis intrusion

Software Super● Doctor III

Thermal Control Overheat LED indication, thermal control tachometer fan connectors

PC Health Monitoring Monitors CPU voltages, +1.8V, +3.3V, +5V, +12V, -12V, VBAT & +5V standby and total of five 4-pin fan headers with tachometer monitoring on 5 fans, supports system management utility, chassis intrusion header

Other Features ACPI power management, internal/external modem ring-on, WOR, WOL, control of power-on mode for recovery from AC power loss, TM2 & CPU thermal trip support for processor protection

BIOS Award 8Mb Flash ROM

### Mechanical

Recommended Chassis  
2U: SC828TQ-R1200  
4U: SC748TQ-R1200

Board Size Proprietary 16" x 14.3"