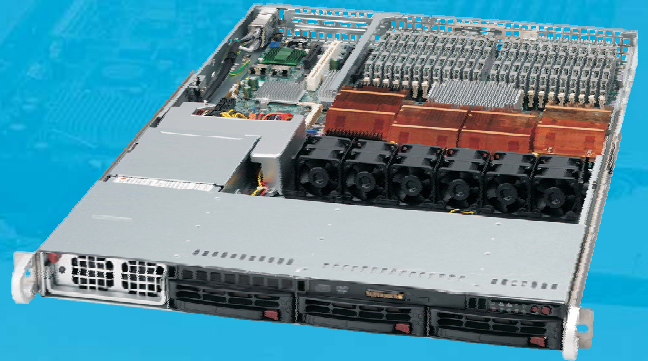


SuperServer 7410

Model 7411-T3B-M4

Rack/1U



Highest Performance Server

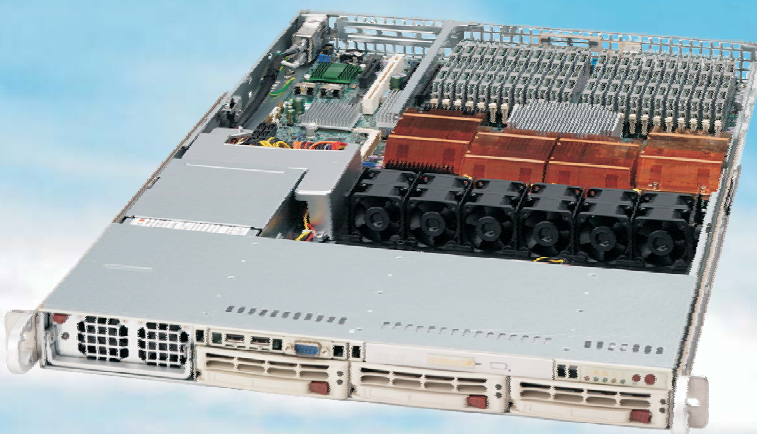
- **Leistung** - Bis zu 4 Hexacore Intel® XEON® 7400 Dunnington Prozessoren letzter Generation mit 24 Cores gesamt sorgen für maximale Power. Das Intel® 7300 Clarksboro Chipset garantiert beste I/O Bandbreiten.
- **RAM** - 24 Speicherplätze für bis zu 192GB ECC Memory Fully Buffered mit 667MHz geben diesem High-End Server die notwendigen Reserven etwa für Virtualisierungen.
- **Chassis** - Kompaktes 1U Rackgehäuse mit 3 Festplatteneinschüben und DVD Laufwerk.
- **Schnittstellen** - Schneller interner Datentransport zur Peripheriekarte mit PCI-E 8x Schnittstelle
- **Lan** - Dual Gigabit Netzwerkkarte. Optionale Anbindung mit Fibre-Channel, 10Gigabit Ethernet oder 20Gigabit Infiniband möglich!
- **Kühlung** - Durchdachtes redundantes Server-Lüftungskonzept mit passiven Prozessorkühlern im Kühlkanal, die CPUs, Speicher, Festplatten und das Chipset werden auch bei Ausfall einzelner Lüfter voll versorgt.
- **Effizienz** - Ein High-Efficiency Netzteil sorgt für beste Ausnutzung der zugeführten Leistung, das senkt die Betriebskosten deutlich!
- **Fernwartung** - Die (optionale) IPMI Fernwartungskarte ermöglicht den Zugriff via Web in jedem Betriebszustand, auch bei abgeschaltetem Server.

bis 24 Cores!

Konfiguration:

- 4x XEON® L7455 Sixcore MP CPU 2.13GHz je 12MB Cache (**24 Cores!**)
- 96GB RAM (max. 192GB)
- 3x 450GB HDD SAS 15k (Raid 0/1/5)
- 1U Rackgehäuse schwarz
- High-Performance SAS/SATA RAID Controller mit 1.6GHz Dualcore Prozessor und 256MB Cache, RAID 0/1/5 (3 HDDs), Hot-Spare
- 3x 3.5" Hot Swap Einschübe SAS/SATA
- 6 Lüfter + Netzteil Lüfter
- 1000W Hoch-Effizientes Netzteil
- Intel® 7300 (Clarksboro) Chipset
- 2x Gigabit NIC On-Board
- DVD-Laufwerk
- IPMI Hardware Fernwartungskarte
- 2 Jahre Garantie (Bis 5 Jahre optional)
- bis 5 Jahre Vor-Ort Garantie optional

Jeder Server wird konfiguriert und betriebsbereit geliefert! Komplette Installation vor Ort auf Anfrage!



Product SKUs	
SYS-7411-T3B-M4	SuperServer 7411-T3 (Black)
SYS-7411-T3-M4	SuperServer 7411-T3 (Beige)
Motherboard	
Quad XEON® 7400/7300/7200 Serverboard	
Processor & Cache	
CPU	<ul style="list-style-type: none"> Quad 604-pin FC-mPGA6 Sockets Supports up to four Intel® 64-bit Xeon® MP processor(s) of the same type below: Quad-Core Intel® Xeon® Processor 7400 sequence Quad-Core Intel® Xeon® Processor 7300 sequence Dual-Core Intel® Xeon® Processor 7200 sequence
System Bus	• 1066 MHz system bus
Operating System Software	<ul style="list-style-type: none"> Supports 64-bit Operating Systems Supports 32-bit Operating Systems
System Memory	
Memory Capacity	<ul style="list-style-type: none"> Twenty-four 240-pin DIMM sockets Supports up to 192 GB 667 / 533MHz DDR2 ECC FB-DIMM memory Dual branch memory bus Memory must be populated in pairs Memory Mirroring supported
Memory Type	• 667 / 533MHz FB-DIMM (Fully Buffered DIMM) DDR2 ECC SDRAM 72-bit 240-pin, gold-plated DIMMs
DIMM Sizes	• 1GB, 2GB, 4GB, 8GB
Memory Voltage	<ul style="list-style-type: none"> 1.8 V only 1.5V(AMB)
Error Detection	<ul style="list-style-type: none"> Corrects single-bit errors Detects double-bit errors (using ECC memory) Supports Intel® x4 and x8 Single Device Data Correction (SDCC)
On-Board Devices	
Chipset	<ul style="list-style-type: none"> Intel® 7300 (Clarksboro) chipset ESB2
SATA onboard	<ul style="list-style-type: none"> Intel ESB2 SATAII Controller RAID 0, 1, 5, 10 support (Windows) RAID 0, 1, 10 support (Linux)
IPMI	<ul style="list-style-type: none"> IPMI with KVM Over LAN Virtual Media Over LAN Dedicated LAN Port VSC 2.0 supports Video Solutions up to 1600 x 1200 OS Independent Remote Power Control Support RMCP & RMCP + Protocols
Network Controllers	<ul style="list-style-type: none"> Intel® 82575EB Dual-Port Gigabit Ethernet Controller Supports 10BASE-T, 100BASE-TX, and 1000BASE-T, RJ45 output Intel® I/OAT support for fast, scaleable, and reliable networking
Graphics	• ATI ES1000 controller with 32MB of video memory
Super I/O	• Winbond 83627HF chip
Add-On Devices	
SAS / SATA RAID	<ul style="list-style-type: none"> High Performance SAS RAID Controller 4-Port PCI-E/8x with 1.6GHz Dualcore Prozessor RAID 0/1/1E/5/5EE/6/10/JBOD Global Hot Spare Supported 256MB DDR2 Cache 4 internal SAS/SATA HDDs supported Online Capacity Expansion and RAID Level Migration Support for SAS expander Battery Pack supported (optional)
Input / Output	
Serial ATA onboard	<ul style="list-style-type: none"> Six Serial ATA ports Six SATA hard drives supported (Depending on Server Config)
IDE	<ul style="list-style-type: none"> Single EIDE channel supports up to two UDMA IDE devices(IDE-M, IDE-S) including CF card Supports UDMA Mode 5, PIO Mode 4, and ATA/100 Compact Flash (40-pin connector, IDE 1, single channel) slot
Floppy	• 1 Floppy controller; 1.44 MB, 2.88 MB
LAN	• 2x RJ45 LAN port
USB	<ul style="list-style-type: none"> 2x USB rear ports 3x USB internal header 5 total USB ports, 2.0 Compliant / 1.1 Compliant
VGA	• 1x VGA Port
Keyboard / Mouse	• PS/2 keyboard and mouse ports
Serial Ports/ Header	<ul style="list-style-type: none"> 1x Fast UART 16550 serial port 1x Fast UART 16550 serial header

Expansion Slots	
PCI-Express	• 1 (x8) PCI-e (using x16)slot (used by SAS/SATA controller)
System BIOS	
BIOS Type	• 8Mb Flash EEPROM with AMI® BIOS
BIOS Features	<ul style="list-style-type: none"> Plug and Play (PnP) APM 1.2 DMI 2.3 PCI 2.2 ACPI 1.0/2.0 USB Keyboard support Hardware BIOS Virus protection SMBIOS 2.3
Chassis	
Form Factor	• 1U Chassis
Dimensions	
Height	• 43mm
Width	• 437mm
Depth	• 705mm
Weight	• ~25kg (depends on Config)
Available Colors	• Black, Beige
Front Panel	
Buttons	<ul style="list-style-type: none"> Power On/Off button System Reset button
LEDs	<ul style="list-style-type: none"> Power LED Hard drive activity LED 2x Network activity LEDs System Overheat LED
Drive Bays	
Hot-swap Bays	• 3x 3.5" Hot-swap SAS/SATA Drives Supported
Peripheral Bay	<ul style="list-style-type: none"> 1x Slim DVD Drive Bay 1x Slim FDD Drive Bay
Peripheral Drives	
DVD	• DVD ROM Drive
FDD	• FDD Drive 1.44MB
System Cooling	
Fans	• 6x heavy-duty counter-rotating fans with optimal fan speed control
Shroud	• 1x Air Shroud for CPU
SAS / SATA Backplane	
1U SAS / SATA Backplane	
Power Supply	
1000W high-efficiency power supply w/ PFC	
AC Voltage	• 100 - 240V, 50 - 60Hz, 7 - 15Amp
+5V	• 20 Amp
+5V standby	• 4 Amp
+12V	• 83 Amp
-12V	• 0.6 Amp
+3.3V	• 20 Amp
PC Health Monitoring	
CPU	<ul style="list-style-type: none"> Monitors for CPU Cores,+1.8V, +3.3V, +5V, ±12V, +3.3V Stdby, +5 Stdby, VBAT, HT, Memory, Chipset CPU Core 6-Phase-switching voltage regulator with auto-sense from 0.8375V-1.60V
FAN	<ul style="list-style-type: none"> Total of nine 4-pin fans 9x fans with tachometer monitoring Status monitor for speed control Status monitor for on/off control Support for 3-pins (w/ speed control) Low noise fan speed control Pulse Width Modulated (PWM) fan connectors
Temperature	<ul style="list-style-type: none"> Monitoring for CPU and chassis environment CPU thermal trip support Thermal Control for 9x Fan Connectors PSU I2C temperature sensing logic Thermal Monitor 2 (TM2) support PECI
LED	<ul style="list-style-type: none"> CPU / System Overheat LED Suspend-state Indicator LED
Other Features	<ul style="list-style-type: none"> Chassis intrusion detection Chassis intrusion header Chipkill Support

