

SuperServer 5017P-TLN4F



Key Features

1. Embedded 3rd Gen. Intel® Core i7-3612QE Mobile ECC processor (up to 3.1GHz, 6M Cache)
2. Intel® QM77 Chipset
3. 2x 3.5" or 4x 2.5" internal SATA2 * Hard drive bays (optional)
4. 1x PCI-E 3.0 x16 slot**
5. Up to 16GB ECC DDR3 1066/1333MHz on 2x SO-DIMMs
6. Intel® 82574L; 4x GbE LAN ports
7. IPMI 2.0 on Dedicated LAN port
8. 200W Low-noise power supply w/ PFC
9. Disk-on-module (DOM) power connector




Note: Image above may show a varied configuration or optional parts. Please refer to parts list for standard parts included.

Specifications

Product SKUs	
SYS-5017P-TLN4F	▪ SuperServer 5017P-TLN4F (Black)
Motherboard	
<u>Super X9SPV-LN4F-3QE</u>	
Processor/Cache	
CPU	▪ Embedded 3rd Gen. Intel® Core i7-3612QE Mobile ECC processor (up to 3.1GHz, 6M Cache)
System Memory	
Memory Capacity	▪ 2x 204-pin DDR3 SODIMM slots ▪ Supports up to 16 GB DDR3 ECC memory
Memory Type	▪ 1333/1066/800MHz ECC DDR3 SDRAM 72-bit, 240-pin gold-plated DIMMs
DIMM Sizes	▪ 8GB, 4GB, 2GB

Chassis	
Form Factor	▪ 1U Rackmount
Model	▪ <u>CSE-504-203B</u>
Dimensions	
Height	▪ 1.7" (43mm)
Width	▪ 17.2" (437mm)
Depth	▪ 9.8" (249mm)
Weight	▪ Net Weight: 8 lbs (3.62 kg) ▪ Gross Weight: 12 lbs (5.44 kg)
Available Colors	▪ Black
Front Panel	
Buttons	▪ Power On/Off button ▪ System Reset button
LEDs	▪ Power LED ▪ Hard drive activity LED ▪ 2x Network activity LEDs ▪ System Overheat LED

Memory Voltage	<ul style="list-style-type: none"> 1.5 V, 1.35 V
Error Detection	<ul style="list-style-type: none"> Corrects single-bit errors Detects double-bit errors (using ECC memory)
On-Board Devices	
Chipset	<ul style="list-style-type: none"> Intel® QM77 Chipset
SATA	<ul style="list-style-type: none"> SATA 2.0 3Gbps with RAID 0, 1, 5, 10 SATA 3.0 6Gbps with RAID 0, 1
IPMI	<ul style="list-style-type: none"> Support for Intelligent Platform Management Interface v.2.0 IPMI 2.0 with virtual media over LAN and KVM-over-LAN support Nuvoton WPCM450 BMC
Network Controllers	<ul style="list-style-type: none"> Intel® 82574L Gigabit Ethernet controllers 4x Gigabit LAN ports Supports 10BASE-T, 100BASE-TX, and 1000BASE-T, RJ45 output 1x Realtek RTL8201F PHY (dedicated IPMI)
Graphics	<ul style="list-style-type: none"> Intel Integrated Graphics HD 4000 or Matrox G200eW to VGA via BIOS setup
Input / Output	
SATA	<ul style="list-style-type: none"> 2x SATA 3.0 ports (6Gbps) 4x SATA 2.0 ports (3Gbps)
LAN	<ul style="list-style-type: none"> 4x RJ45 LAN ports 1x RJ45 Dedicated IPMI LAN port
USB	<ul style="list-style-type: none"> 4x USB 3.0 ports (via header) 6x USB 2.0 ports (4 rear, 2 via header)
VGA	<ul style="list-style-type: none"> 1x VGA port
Serial Port / Header	<ul style="list-style-type: none"> 2x COM ports (1 rear, 1 header)

Expansion Slots	
PCI-Express	<ul style="list-style-type: none"> 1x PCI-E 3.0 x16 slot**
Drive Bays	
HDD	<ul style="list-style-type: none"> 2x 3.5" or 4x 2.5" internal SATA2 hard drive bays (optional) *
Power Supply	
200W Low Noise AC-DC power supply with PFC	
AC Voltage	<ul style="list-style-type: none"> 100 - 240V, 50-60Hz, 2.6 Amp Max
+5V	<ul style="list-style-type: none"> 8.0 Amp (max.)
+5V standby	<ul style="list-style-type: none"> 2.0 Amp (max.)
+12V	<ul style="list-style-type: none"> 16 Amp (max.)
-12V	<ul style="list-style-type: none"> 0.5 Amp (max.)
+3.3V	<ul style="list-style-type: none"> 8.0 Amp (max.)
Certification	 Gold Certified
System BIOS	
BIOS Type	<ul style="list-style-type: none"> 128Mb SPI Flash EEPROM with AMI BIOS
BIOS Features	<ul style="list-style-type: none"> DMI 2.3 PCI 2.3 ACPI 1.0 / 2.0 USB Keyboard support SMBIOS 2.3
Operating Environment / Compliance	
RoHS	<ul style="list-style-type: none"> RoHS Compliant
Environmental Spec.	<ul style="list-style-type: none"> Operating Temperature: 10°C to 35°C (50°F to 95°F) Non-operating Temperature: -40°C to 70°C (-40°F to 158°F) Operating Relative Humidity: 8% to 90% (non-condensing) Non-operating Relative Humidity: 5% to 95% (non-condensing)

Parts List

Parts List - (Items Included)

	Part Number	Qty	Description
Motherboard / Chassis	MBD-X9SPV-LN4F-3QE	1	Super X9SPV-LN4F-3QE Motherboard
	CSE-504-203B	1	1U Chassis
Cable 1	CBL-0082L	1	Y split , big 4 pin to two RA SATA power extension 15cm, 18AWG
Cable 2	CBL-0061L	2	35CM end to end, SATA CABLE, PB FREE, 26AWG, flat
Riser Card	RSC-RR1U-E16	1	RSC-RR1U-E16 with PCI-E x16 output
Part	MCP-120-00063-0N	1	Riser card bracket for slot-7 in SC504

Optional Parts List

	Part Number	Qty	Description
HDD Bracket	MCP-220-00044-0N	-	Dual 2.5" fixed HDD bracket for SC502, 503, 510, 512, 515U
HDD Bracket	MCP-220-00051-0N	-	Single 2.5" fixed HDD bracket for SC502, 503, 510, 512, 515U