

SuperServer E200-9B



(Mouse over image to see Opened Box)

Integrated Board



Super X11SBA-LN4F

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

Key Features

- Compact Embedded Mini ITX Box
- Long Life Cycle Support
- Digital Signage, Indoor Kiosk

1. Intel® Pentium® Processor N3700, Quad-Core (6W, 4C); Socket FCBGA 1170
2. System-on-Chip
3. 1x 2.5" internal drive bay
4. Up to 8GB 1600MHz DDR3 Non-ECC SO-DIMM in 2 socket
5. 1x SuperDOM, 1x mSATA slot, 1x TPM 1.2 header
6. I/O ports: 4x GbE, 1x HDMI, 1x Display Port, 1x VGA, 1x serial port
7. 1x IPMI 2.0 w/ dedicated Port & KVM
8. 2x USB 3.0 & 2x USB 2.0 (rear) ports
9. 1x 4cm high performance PWM fan
10. 60W DC power adapter

Specifications

Product SKUs

SYS-E200-9B	■ SuperServer E200-9B (Black)
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Motherboard

<u>Super X11SBA-LN4F</u>

Processor/Cache

CPU	■ Socket FCBGA1170 ■ Intel® Pentium® Processor N3700 ■ CPU TDP 6W ■ 1.6-2.4GHz, 2MB
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System Memory

Memory Capacity	■ 2x 204-pin SO-DIMM slot ■ Supports up to 8GB non-ECC DDR3 1600MHz memory (Dual Channel)
Memory Type	■ 1600/1333/1066MHz DDR3 SO-DIMM, 204-pin gold-plated DIMMs
DIMM Sizes	■ 4GB, 2GB
Memory Voltage	■ 1.35 V

On-Board Devices

Chipset	■ Intel® N3700 System on Chip
SATA	■ SATA 3.0 (6Gbps) from Intel® SoC
Network Controllers	■ Quad Gigabit Ethernet LAN ports with Intel® I210-AT ■ Supports 10BASE-T, 100BASE-TX, and 1000BASE-T, RJ45 output
Graphics	■ Aspeed AST2400 BMC

Input / Output

Serial ATA	■ 2x SATA3 (6Gbps) ports
LAN	■ 4x RJ45 Gigabit Ethernet LAN ports ■ 1x RJ45 Dedicated IPMI LAN port
USB	■ 2x USB 3.0 ports (rear) ■ 2x USB 2.0 ports (rear)
Display	■ 1x Display Port, 1x HDMI, 1x VGA (Two Independent Displays)
DOM	■ 1x SuperDOM (Disk on Module) port with built-in power
Others	■ TPM 1.2 header

Chassis

Form Factor	■ Mini-ITX
Model	■ CSE-101S

Dimensions

Width	■ 7.68" (195mm) / 15" (381mm) - pkg.
Height	■ 1.75" (44.5mm) / 10.87" (276mm) - pkg.
Depth	■ 7.68" (195mm) / 5.59" (142mm) - pkg.
Weight	■ Gross Weight: 5.5 lbs (2.49 kg) ■ Net Weight: 2.45 lbs (1.11 kg)
Available Colors	■ Black

Front Panel

Buttons	■ Power On/Off button
LEDs	■ Power LED (Hard drive activity LED)

Expansion Slots

Mini-PCle	■ 1x mini-PCle slot with mSATA support
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Drive Bays

Internal	■ 1x 2.5" internal drive tray
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System Cooling

Fans	■ 1x 4cm high performance PWM fan; support up to 2 chassis fans
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Power Supply

60W DC Power Adapter

System BIOS

BIOS Type	■ 128Mb SPI Flash EEPROM with AMI UEFI BIOS
BIOS Features	■ Plug and Play (PnP) ■ ACPI 5.0 ■ UEFI 2.3.1 ■ SMBIOS 2.7 ■ DMI 2.3 ■ USB Keyboard support ■ RTC (Real time Clock) Wakeup ■ 3TB HDD Support

Management

Software	■ IPMI 2.0 with KVM support ■ NMI ■ SUM ■ <u>SuperDoctor® 5</u> ■ Watch Dog
Power Configurations	■ ACPI / ACPM Power Management ■ Main Switch Override Mechanism ■ Keyboard Wakeup from Soft-Off ■ Power-on mode for AC power recovery

Fan	■ Fans with tachometer status monitoring ■ Status monitor for speed control ■ Low noise fan speed control ■ Pulse Width Modulated (PWM) fan connectors
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Operating Environment / Compliance

RoHS	■ RoHS Compliant
Environmental Spec.	■ Operating Temperature: 0°C to 40°C (32°F to 104°F) ■ Non-operating Temperature: -40°C to 70°C (-40°F to 158°F) ■ Operating Relative Humidity: 10% to 85% (non-condensing) ■ Non-operating Relative Humidity: 10% to 95% (non-condensing)

Parts List

Parts List - (Items Included)

	Part Number	Qty	Description
Motherboard / Chassis	MBD-X11SBA-LN4F	1	Super X11SBA-LN4F Motherboard
	CSE-101S	1	Embedded Mini-ITX Chassis
Power Adapter	MCP-250-10117-0N	1	60W DC power adapter

Optional Parts List

	Part Number	Qty	Description
Dual System Tray	MCP-290-10108-0B	-	CSE-101 series 1U Dual System Tray Bracket
FAN kit	MCP-320-10102-0N	-	Additional side fan kit (FAN-0170L4) for SC101S