

SuperServer E200-9B



(Mouse over image to see Opened Box)

Integrated Board



Super X11SBA-LN4F

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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

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

Specifications

Product SKUs

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

Motherboard

Super X11SBA-LN4F

Processor/Cache

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

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 w ith 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 w ith 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-PCIe ■ 1x mini-PCIe slot w ith mSATA support

Drive Bays

Internal ■ 1x 2.5" internal drive tray

System Cooling

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

Power Supply

60W DC Power Adapter

System BIOS

BIOS Type ■ 128Mb SPI Flash EEPROM w ith 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 w ith KVM support
■ NMI
■ SUM
■ SuperDoctor® 5
■ 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
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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)
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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