

SuperServer 5019S-L



Integrated Board



[Super X11SSL-F](#)

Key Features

- **Mainstream, Entry Appliance**
- **Low Power, Cost effective**

1. Single socket H4 (LGA 1151) supports Intel® Xeon® processor E3-1200 v5, Intel® 6th Gen. Core™ i3 series
2. Intel® C232 chipset
3. 1x 3.5" Fixed drive bay or 2x 2.5" drive option
4. Up to 64GB Unbuffered ECC UDIMM DDR4 2133MHz; 4x DIMM slots
5. 1x PCI-E 3.0 x8 AOC slot
6. 2x GbE ports with Intel® i210-AT 1x shared IPMI port
7. I/O ports: 1x VGA, 1x COM, 2x USB 2.0, USB 3.0
9. 200W Multi-output power supply

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

Specifications

Product SKUs

- SYS-5019S-L** ■ SuperServer 5019S-L (**Black**)

Motherboard

[Super X11SSL-F](#)

Processor/Cache

CPU

- Single Socket H4 (LGA 1151) supports:
- Intel® Xeon® processor E3-1200 v5, Intel® 6th Gen Core™ i3
- CPU TDP up to 45W, 80W option fan

System Memory

Memory Capacity

- 4x 288-pin DDR4 DIMM slots
- Up to 64GB DDR4 ECC UDIMM

Memory Type

- 2133/1866/1600MHz ECC DDR4 SDRAM 72-bit, 288-pin (UDIMM) gold-plated DIMMs

DIMM Sizes

- 16GB, 8GB, 4GB

Memory Voltage

- 1.2 V

Error Detection

- Corrects single-bit errors
- Detects double-bit errors (using ECC memory)

Chassis

Form Factor

- 1U Rackmount

Model

- **CSE-510-203B**

Dimensions and Weight

Height

- 1.7" (43mm)

Width

- 17.2" (437mm)

Depth

- 11.3" (287mm)

Package

- 6.1" (H) x 25.4" (W) x 19.8" (D)

Weight

- Net Weight: 8.45 lbs (3.83 kg)
- Gross Weight: 12.55 lbs (5.69 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
- Information LED (temp., status)

Expansion Slots

On-Board Devices	
Chipset	<ul style="list-style-type: none"> Intel® C232 chipset
SATA	<ul style="list-style-type: none"> SATA3 (6Gbps) via C232 controller RAID 0, 1, 5, 10 support
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 ASPEED AST2400 BMC
Network Controllers	<ul style="list-style-type: none"> Dual Intel® I210-AT Gigabit Ethernet LAN ports Supports 10BASE-T, 100BASE-TX, and 1000BASE-T, RJ45 output
Video	<ul style="list-style-type: none"> ASPEED AST2400 BMC
Input / Output	
SATA	<ul style="list-style-type: none"> 2x SATA3 (6Gbps) ports
LAN	<ul style="list-style-type: none"> 2x RJ45 Gigabit Ethernet LAN ports 1x RJ45 Shared IPMI LAN port
USB	<ul style="list-style-type: none"> USB 3.0 2x USB 2.0 ports
Video	<ul style="list-style-type: none"> 1x VGA port
Serial Port / Header	<ul style="list-style-type: none"> 1x COM ports (1 rear)
SuperDOM	<ul style="list-style-type: none"> 2x <u>SuperDOM</u> (Disk on Module) ports with built-in power
PC Health Monitoring	
Voltage	<ul style="list-style-type: none"> Monitors for CPU Cores, +3.3V, +5V, +12V, +5V Standby, VBAT, HT, Memory, Chipset Voltages.
FAN	<ul style="list-style-type: none"> Total of 4 fan headers supporting up to 4 fans 4 fans with tachometer status monitoring Status monitor for speed control Status monitor for on/off 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 I²C temperature sensing logic Thermal Monitor 2 (TM2) support PECI
LED	<ul style="list-style-type: none"> CPU / System Overheat LED Suspend static indicator LED UID/Remote UID
Other Features	<ul style="list-style-type: none"> Chassis intrusion detection Chassis intrusion header Chipkill support RoHS, Halogen Free

PCI-Express

- 1x PCI-E 3.0 x8 AOC slot

Drive Bays

Hot-swap

- 1x 3.5" or 2x 2.5" internal drive bays

Peripheral Drives

Optional

- 2x 2.5" Fixed drives internal

System Cooling

Fans

- 2x 40x28mm 4-pin PWM Cooling Fans

Power Supply

200W Low Noise AC-DC power supply with PFC

AC Voltage

- 100 - 240V, 50-60Hz, 2.6 Amp Max

+5V

- 8.0 Amp (max.)

+5V standby

- 2.0 Amp (max.)

+12V

- 16 Amp (max.)

-12V

- 0.5 Amp (max.)

+3.3V

- 8.0 Amp (max.)

Certification



Gold Certified

System BIOS

BIOS Type

- 8MB SPI Flash EEPROM with AMI BIOS

BIOS Features

- DMI 2.3
- PCI 2.3
- ACPI 1.0 / 2.0
- USB Keyboard support
- SMBIOS 2.3

Operating Environment / Compliance

RoHS

- RoHS Compliant

Environmental Spec.

- 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 - (Items Included)

	Part Number	Qty	Description
Motherboard / Chassis	MBD-X11SSL-F	1	Super X11SSL-F Motherboard
	CSE-510-203B	1	1U Chassis
Cable 1	CBL-0061L	1	35CM end to end, SATA CABLE, PB FREE, 26AWG, flat
Manual	MNL-1796-QRG	1	5019S-L, QRG, HF, RoHS/REACH
Heatsink / Retention	SNK-P0046P	1	1U PASSIVE CPU HS FOR INTEL LGA1156
Power Supply	PWS-203-1H	1	1U 200W Multi-output 80Plus Gold PWS