SuperServer 5019S-L

Views: | Angled View | Top View | | Front View | Rear View |

Integrated Board

Super X11SSL-F

GLOBAL SKU

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

▸ Drivers & Utilities ▸ BIOS ▸ IPMI ▸ Tested Memory ▸ Tested HDD ▸ Manuals ▸ OS Certification Matrix

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)

On-Board Devices	
Chipset	Intel® C232 chipset
SATA	SATA3 (6Gbps) via C232 controller RAID 0, 1, 5, 10 support
IPMI	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	Dual Intel® I210-AT Gigabit Ethernet LAN ports Supports 10BASE-T, 100BASE-TX, and 1000BASE-T, RJ45 output
Video	ASPEED AST2400 BMC

Input / Output	
SATA	2x SATA3 (6Gbps) ports
LAN	2x RJ45 Gigabit Ethernet LAN ports 1x RJ45 Shared IPMI LAN port
USB	USB 3.0 2x USB 2.0 ports
Video	1x VGA port
Serial Port / Header	1x COM ports (1 rear)
SuperDOM	2x SuperDOM (Disk on Module) ports with built-in power

PC Health Monitoring	
Voltage	Monitors for CPU Cores, +3.3V, +5V, +12V, +5V Standby, VBAT, HT, Memory, Chipset Voltages.
FAN	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	Monitoring for CPU and chassis environment CPU thermal trip support I^2C temperature sensing logic Thermal Monitor 2 (TM2) support PECI
LED	CPU / System Overheat LED Suspend static indicator LED UID/Remote UID
Other Features	Chassis intrusion detection Chassis intrusion header Chipkill support RoHS, Halogen Free

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	
PCI-Express	1x PCI-E 3.0 x8 AOC slot

Drive Bays	
Optional	1x 3.5" or 2x 2.5" internal drive bays (fixed)

System Cooling	
Fans	2x 40x28mm 4-pin PWM Cooling Fans 1x FAN-0147L4 option for 80W CPU

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	80 PLUS GOLD — 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

See Parts List

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