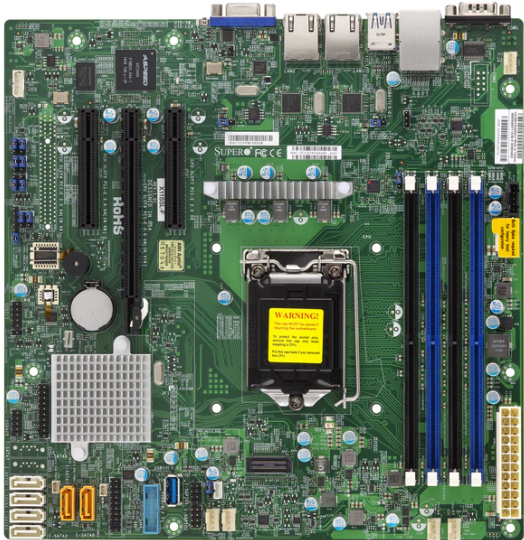


X11SSL-F



Key Features

- 1. Single socket H4 (LGA 1151) supports Intel® Xeon® processor E3-1200 v6/v5, Intel® 7th/6th Gen. Core™ i3 series, Intel® Celeron® and Intel® Pentium®
- 2. Intel® C232 chipset
- 3. Up to 64GB Unbuffered ECC UDIMM DDR4 2400MHz; 4 DIMM slots
- 4. Expansion slots:
 - 1 PCI-E 3.0 x8 (in x16),
 - 1 PCI-E 3.0 x8,
 - 1 PCI-E 3.0 x4 (in x8)
- 5. Dual GbE LAN with Intel® i210-AT
- 6. 6 SATA3 (6Gbps) via C232; RAID 0, 1, 5, 10
- 7. I/O: 1 VGA, 1 COM, TPM header
- 8. 2 SuperDOM with built-in power
- 9. 5 USB 3.0 (2 rear, 2 via header(s), 1 Type A), 6 USB 2.0 (2 rear, 4 via header(s))
- 10. Integrated IPMI 2.0 and KVM with Dedicated LAN

Links & Resources

- [Tested Memory List](#)
- [Tested HDD / SSD List](#)
- [Tested AOC List](#)
- [Motherboard Manual](#)
- [Quick Reference Guide](#)
- [Update Your BIOS](#)
- [BMC Firmware](#)
- [Download the Latest Drivers and Utilities](#)
- [Download Driver CD](#)
- [OS Compatibility](#)
- [Optimization](#)



Specifications

Product SKUs	
MBD-X11SSL-F	X11SSL-F
Physical Stats	
Form Factor	Micro-ATX
Dimensions	9.6" x 9.6" (24.38cm x 24.38cm)
Processor/Cache	
CPU	- Intel® 7th/6th Generation Core i3 series, Intel® Celeron®, Intel® Pentium®, Intel® Xeon® processor E3-1200 v6/v5. - Single Socket H4 (LGA 1151) supported, CPU TDP support 80W
Note	BIOS version 2.0 or above is required to support 7th Generation Intel® Core™ i3 Processors and Intel® Xeon® Processor E3-1200 v6 series
System Memory	
Memory Capacity	64GB Unbuffered ECC UDIMM, DDR4-2400MHz, in 4 DIMM slots
Memory Type	2400/2133/1866/1600MHz ECC DDR4 SDRAM 72-bit, 288-pin (UDIMM) gold-plated DIMMs
DIMM Sizes	4GB, 8GB, 16GB
Memory Voltage	1.2V
Error Detection	Corrects single-bit errors
On-Board Devices	
Chipset	Intel® C232
SATA	Intel® C232 controller for 6 SATA3 (6 Gbps) ports; RAID 0,1,5,10
IPMI	ASPEED AST2400 BMC
Network Controllers	Dual LAN with Intel® Ethernet Controller I210-AT
Graphics	Aspeed AST2400 BMC
Input / Output	
USB	6 USB 2.0 ports (2 rear + 4 headers) 5 USB 3.0 ports (2 rear + 2 headers + 1 Type A)
Video Output	1 VGA port
Serial Port / Header	1 COM Port (1 rear)
TPM	TPM Header

Expansion Slots	
PCI-E	1 PCI-E 3.0 x8 (in x16 slot), 1 PCI-E 3.0 x8, 1 PCI-E 3.0 x4 (in x8 slot)
System BIOS	
BIOS Type	128Mb SPI Flash EEPROM with AMI BIOS
BIOS Features	- ACPI 1.0 / 2.0 / 3.0 / 4.0 - APM 1.2 - DMI 2.3 - Hardware BIOS Virus protection - PCI 2.3 - Plug and Play (PnP) - SMBIOS 2.7.1 - UEFI 2.3.1 - USB Keyboard support
Management	
Software	IPMI2.0, NMI, SSM, SUM, SuperDoctor® 5, Watchdog
Power Configurations	- ACPI Power Management - Power-on mode for AC power recovery
PC Health Monitoring	
Voltage	+12V, +3.3V, +5V, +5V standby, Chassis intrusion header, Monitors CPU voltages, Supports system management utility, System level control, VBAT
FAN	5x 4-pin fan headers (up to 5 fans), Fan speed control, Overheat LED indication, Thermal control tachometer fan connectors
Temperature	Thermal Monitor 2 (TM2) support, PECI, Monitoring for CPU and chassis environment, CPU thermal trip support
LED	UID/Remote UID, CPU / System Overheat LED
Other Features	Control of power-on for recovery from AC power loss, CPU thermal trip support for processor protection, WOL
Operating Environment	
Operating Temperature Range	0°C ~ 50°C (32°F ~ 122°F)
Non-Operating Temperature Range	-40°C - 70°C (-40°F - 158°F)
Operating Relative Humidity Range	8% - 90% (non-condensing)
Non-Operating Relative Humidity Range	5% - 95% (non-condensing)

Parts List

Parts List (Bulk Package)			
Name	Part Number	Qty	Description
Motherboard	MBD-X11SSL-F	1	X11SSL-F Motherboard
I/O Cables	CBL-0044L	2	57.5CM SATA FLAT S-S PBF
I/O Shield	MCP-260-00042-0N	1	STD I/O Shield for X11SSL-F with EMI Gasket

Parts List (Retail Package)			
Name	Part Number	Qty	Description
Motherboard	MBD-X11SSL-F	1	X11SSL-F Motherboard
QRG	MNL-1785-QRG	1	Motherboard Quick Reference Guide
I/O Cables	CBL-0044L	6	57.5CM SATA FLAT S-S PBF
I/O Shield	MCP-260-00042-0N	1	STD I/O Shield for X11SSL-F with EMI Gasket

Chassis (Optimized for X11SSL-F)

Embedded Compact	1U	2U	3U	Mid/Mini-Tower	4U/Tower
	● SC813MFTQC-505CB ● SC813MFTQ-R400CB SC813MTQ-350CB SC512L-200B 4 SC811TQ-441B ● SC113MFAC2-341CB ● SC113MFAC2-R606CB ● SC510-203B ● SC813MFTQC-350CB	● SC825TQ-R720LPB ● SC213LT-600LPB ● SC823TQ-653LPB SC825TQC-R802LPB	● SC833T-653B	● SC731i-403B SC732I-500B SC731i-300B SC732D3-1200B SC732D4-903B SC732i-865B SC733TQ-668B SC732D4F-903B	SC842i-500B SC842TQ-665B SC743AC-1200B-SQ SC745BAC-R1K28B2

● = Most optimized Chassis for SuperServer Configuration
Blue color = Compatible
Green color = Global SKU & Compatible
Red dot & green color = Optimized + Global SKU

Server (Optimized for X11SSL-F)

Server Name
<u>SYS-5019S-L</u>
<u>SYS-5039D-i</u>