

H11SSL-i

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Key Features

1. Single AMD EPYC™ 7000-Series Processor
2. 1TB Registered ECC DDR4 2666MHz SDRAM in 8 DIMMs
3. Expansion slots:
3 PCI-E 3.0 x16
3 PCI-E 3.0 x8
4. 16 SATA3, 1 M.2
5. Dual Gigabit Ethernet LAN Ports
6. ASPEED AST2500 BMC graphics
7. 5 USB 3.0 ports
(2 rear + 2 via header + 1 Type A);
4 USB 2.0 ports
(2 rear + 2 via header)
8. 7 PWM 4-pin Fans with tachometer status monitoring

Links & Resources

- ▶ [Tested Memory List](#)
- ▶ [Tested M.2 List](#)
- ▶ [Tested AOC List](#)
- ▶ [Motherboard Manual](#)
- ▶ [Update Your BIOS](#)
- ▶ [IPMI Firmware](#)
- ▶ [Download the Latest Drivers and Utilities](#)
- ▶ [Download Driver CD](#)
- ▶ [OS Compatibility](#)



Specifications

Product SKUs

- MBD-H11SSL-i** ■ H11SSL-i
- MBD-H11SSL-i-B** ■ H11SSL-i (Bulk Pack)

Physical Stats

- Form Factor** ■ ATX
- Dimensions** ■ 12" x 9.6" (30.5cm x 24.4cm)

Processor/Chipset

- CPU** ■ Single AMD EPYC™ 7000-series Processor
■ Socket SP3
- Chipset** ■ System on Chip

System Memory

- Memory Capacity** ■ 8 DIMM slots
■ Supports up to 1TB Registered ECC DDR4 2666MHz SDRAM in 8 DIMMs
■ 8-channel memory bus

- Memory Type** ■ DDR4 2666 MHz Registered ECC, 288-pin gold-plated DIMMs

- DIMM Sizes** ■ 8GB, 16GB, 32GB, 64GB, 128GB

- Memory Voltage** ■ 1.2V

- Error Detection** ■ Corrects single-bit errors
■ Detects double-bit errors (using ECC memory)

On-Board Devices

- SATA** ■ SATA3 (6 Gbps)
- IPMI** ■ Support for Intelligent Platform Management Interface v.2.0
■ IPMI 2.0 with virtual media over LAN and KVM-over-LAN support
■ ASPEED AST2500 BMC
- Network Controllers** ■ 2 1GbE LAN via Intel® I210
■ 1 Realtek RTL8211E PHY (dedicated IPMI)
- VGA** ■ ASPEED AST2500 BMC

Input / Output

- SATA** ■ 16 SATA3 (6 Gbps) ports
- LAN** ■ 2 RJ45 Gigabit Ethernet LAN ports
■ 1 RJ45 Dedicated IPMI LAN port
- USB** ■ 5 USB 3.0 ports
(2 rear, + 2 via header + 1 Type A)
■ 4 USB 2.0 ports (2 rear + 2 via header)
- VGA** ■ 1 VGA port
- Others** ■ 1 COM port (rear)
■ 2 SATA DOM power connector
■ 1 TPM 1.2 header

Expansion Slots

Chassis (Optimized for H11SSL-i)

- 1U** ■ SC512F-350B1
■ SC515-350
■ SC813MFTQC-350CB2
■ SC813MFTQC-R407CB
- 2U** ■ SC213AC-R1K23LPB
■ SC216BE1C4-R1K23LPB
■ SC825TQC-R1K03LPB
■ SC826BE1C4-R1K23LPB
- 3U** ■ SC836BE1C-R1K23B
- 4U/Tower** ■ SC846BE1C-R1K23B

System BIOS

- BIOS Type** ■ AMI 128Mb SPI Flash EEPROM
- BIOS Features** ■ Plug and Play (PnP)
■ DMI 2.3
■ PCI 2.2
■ ACPI 5.1
■ USB Keyboard Support
■ SMBIOS 3.1.1

Management

- Software** ■ [Super Doctor 5](#)
■ Watch Dog
■ NM
■ SUM
■ IPMI 2.0, KVM with dedicated LAN

- Power Configurations** ■ ACPI Power Management
■ Power-on mode control for AC power loss recovery

PC Health Monitoring

- CPU** ■ Monitors CPU Core Voltages, +1.8V, +3.3V, +5V, +5V standby, +3.3V standby
■ CPU switching voltage regulator
■ Supports system management utility
■ VBAT
- FAN** ■ Up to 7-fan status tachometer monitoring
■ Up to 7 4-pin fan headers
■ Dual Cooling Zone
■ Status monitor for speed control
■ Pulse Width Modulated (PWM) fan connectors
- Temperature** ■ Monitoring for CPU and chassis environment
■ CPU Thermal Trip Support
■ Thermal control for 7x Fan connectors
■ iPC Temperature Sensing Logic
- LED** ■ CPU / System Overheat LED
- Other Features** ■ Chassis Intrusion Detection
■ Chassis Intrusion Header
■ UD

Operating Environment / Compliance

PCI-Express	■ 3 PCI-E 3.0 x8 ■ 3 PCI-E 3.0 x16	Environmental Specifications	■ 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)
M.2	■ Interface: PCI-E 3.0 x4 ■ Form factor: 2260, 2280, 22110 ■ Support SATA devices		
Note: For optimized or compatible chassis, additional parts may be required, please check with Supermicro sales rep			
Parts List			

Bulk Pack List			
	Part Number	Qty	Description
H11SSL-i	MBD-H11SSL-i-B	1	H11SSL-i Motherboard
I/O Cable	CBL-0044L	2	57.5CM SATA FLAT S-S PBF
I/O Shield	MCP-260-00042-0N	1	STD I/O SHIELD FOR X9 SOCKET R SERVER MB
Optional Parts List			
	Part Number	Qty	Description
I/O Cable	CBL-0097L-03	2	lpass to 4 SATA, 51cm, W/51cm SB, S, 30AWG