

Supermicro MBD-X11SSD-F, Single SKT, Intel C236 Chipset, SATA,IPMI Bulk

Part number: MBD-X11SSD-F-B



Category	Server
Form Factor	WIO Proprietary
Dimensions	4.75" x 16"
CPU Socket	LGA 1151 (Socket H4)
# of CPU sockets	1
Supported CPU's	Intel Xeon E3-1200v5 Intel Core i3 6th Gen.
Chipset	Intel C236 Skylake
Memory Type	DDR4 ECC UDIMM
Memory Speed	2133 MHz 1866 MHz 1600 MHz
# of DIMM's	4
Max Memory Size	64 GB
Integrated GPU	Aspeed AST2400
# of PCIe x4 3.0	1
# of PCIe x8 3.0	1
# of USB Ports	2 x USB 3.0 (header) 1 x USB 3.0 Type A
# of SATA Ports	4
# of SATA DOM power	1
Storage Controllers	4 x AHCI iSATA 6Gb/s
Integrated RAID	0,1,5,10
# of Serial Ports	1 x Fast UART 16550 (header)
# of 1GbE Ports	1 x RJ45
Integrated BMC	IPMI Dedicated RJ45
BMC chip	Aspeed AST2400
TPM	1 x TPM 1.2 20-pin Header

Product SKUs



MBD-X11SSD-F • X11SSD-F (Bulk Pack)

Physical Stats



Form Factor • Proprietary

Dimensions • 4.75" x 16" (12.07cm x 40.64cm)

Processor/Cache



CPU

- Intel® 6th Generation Core™ i3 series
- Intel® Celeron®
- Intel® Pentium®
- Intel® Xeon® processor E3-1200 v5 series
- Socket H4 (LGA 1151) supported

System Memory

Memory Capacity

- Up to 64GB Unbuffered ECC UDIMM, DDR4-2133MHz, in 4 DIMM slots

Memory Type

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

DIMM Sizes

- 4GB, 8GB, 16GB

Memory Voltage

- 1.2 V

Error Detection

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

On-Board Devices

Chipset

- Intel® C236
- Intel® C236 controller for 4 SATA

SATA

- SATA3 (6 Gbps) ports; RAID 0,1,5,10

Network Controllers

- N/A

Graphics

- Aspeed AST2400 BMC

Input / Output



USB

- 3 USB 3.0 ports (2 via header, 1 Type A)

Video Output

- 1 VGA
- 1 Aspeed AST2400 BMC

Serial Port / Header

- 1 fast UART 16550 serial

TPM

- 1 TPM 1.2 Header

Expansion Slots



PCI-E

- 1 PCI-E 3.0 x8 (Micro Low Profile)
- Or 1 PCI-E 3.0 x4 (in x8 slot)

System BIOS



BIOS Type

- UEFI 128M
- Plug and Play (PnP)
- APM 1.2
- DMI 2.3
- PCI 2.3

BIOS Features

- ACPI 1.0 / 2.0 / 3.0 / 4.0
- USB Keyboard support
- Hardware BIOS Virus protection
- SMBIOS 2.7.1
- UEFI 2.3.1
- RTC (Real Time Clock) Wakeup

Management



Software

- IPMI2.0, NMI, SuperDoctor III, Watchdog

Power Configurations

- ACPI Power Management
- Power-on mode for AC power recovery

PC Health Monitoring



Voltage

- +12V, +3.3V, +5V, +5V standby

FAN

- , System level control
- Monitoring for CPU and chassis environment

Temperature

- CPU thermal trip support
- I2C temperature sensing logic
- Thermal Monitor 2 (TM2) support
- PECI

LED

- CPU / System Overheat LED
- Suspend static indicator LED
- UID/Remote UID

Other Features

- RoHS

Visit us for more info:

<https://www.superstorage.pl/supermicro-mbd-x11ssd-single-skt-intel-c236-chipset-sataipmi-bulk-p-2580.html>