

Supermicro MBD-X11SSW-TF, Single SKT, Intel C236 Chipset, SATA, 2x10GbE, IPMI, M.2 Bulk

Part number: MBD-X11SSW-TF-B



| | |
|---------------------|--|
| Form Factor | Proprietary |
| Dimensions | 8" x 13" |
| CPU Socket | LGA 1151 (Socket H4) |
| # of CPU sockets | 1 |
| Supported CPU's | Intel Xeon E3-1200v5 Intel 6th Gen.Core i3 |
| 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 x16 3.0 | 1 |
| # of USB Ports | 2 x USB 3.0 (rear) 2 x USB 3.0 (header) 1 x USB 3.0 Type A 2 x USB 2.0 (rear) 4 x USB 2.0 (header) |
| # of SATA Ports | 6 |
| Storage Controllers | 6 x AHCI iSATA 6Gb/s |
| Integrated RAID | 0,1,5,10 |
| # of Serial Ports | 1 x Fast UART 16550 (rear) 1 x Fast UART 16550 (header) |
| # of 10GbE Ports | 2 x Base-T |
| Network Controllers | Intel x540 Dual Port 10 Gigabit Base-T |
| TPM | 1 x TPM 1.2 20-pin Header |

Product SKUs



MBD-X11SSW-TF • X11SSW-TF (Bulk Pack)

Physical Stats



Form Factor • Proprietary

Dimensions • 8" x 13" (20.32cm x 33.02cm)

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; CPU TDP support 80W

System Memory

Memory Capacity • 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 • 1.2V

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

On-Board Devices

Chipset • Intel® C236

SATA • Intel® C236 controller for 6 SATA3 (6 Gbps) ports; RAID 0,1,5,10

Network Controllers • Dual LAN with Intel® X540 10GBase-T Ethernet Controller

Graphics • Aspeed AST2400 BMC

Input / Output



USB • 6 USB 2.0 ports (2 rear, 4 via header)
• 5 USB 3.0 ports (2 rear, 2 via header, 1 Type A)

Video Output • 1 VGA
• 1 Aspeed AST2400 BMC

Serial Port / Header • 2 COM Ports (1 rear, 1 header)

TPM • Header

Expansion Slots



PCI-E

- 1 PCI-E 3.0 x16 Left Riser Slot
- M.2 Interface: PCIe 3.0 x4
- M.2 Form Factor: 2260, 2280, 22110

System BIOS



BIOS Type • 128Mb SPI Flash EEPROM with AMI BIOS

- ACPI 1.0 / 2.0 / 3.0 / 4.0
- APM 1.2
- DMI 2.3
- Hardware BIOS Virus protection

BIOS Features

- PCI 2.3
- Plug and Play (PnP)
- RTC (Real Time Clock) Wakeup
- SMBIOS 2.7.1
- UEFI 2.3.1
- USB Keyboard support

Management



Software

- Intel® Node Manager, IPMI2.0, NMI, SPM, 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

- 6x 4-pin fan headers (up to 6 fans), Fan speed control, Overheat LED indication, Thermal control tachometer fan connectors
- Monitoring for CPU and chassis environment

Temperature

- CPU thermal trip support
- Thermal Monitor 2 (TM2) support
- PECI

LED

- UID/Remote UID
- CPU / System Overheat LED
- Control of power-on for recovery from AC power loss, CPU thermal trip support for processor protection, M.2 NGFF connector, VHD, WOL

Other Features

Visit us for more info:

<https://www.superstorage.pl/supermicro-mbd-x11ssw-tf-single-skt-intel-c236-chipset-sata-2x10gbe-ipmi-m2-bulk-p-2773.html>