X13SEB-TF

🖨 Print

SBB

Key Features

1. 5th/4th Gen Intel® Xeon® Scalable processors, Single Socket LGA-4677 (Socket E) supported, CPU TDP supports Up to 350W TDP
2. Intel C741® Chipset
3. Up to 2TB 3DS ECC RDIMM, DDR5-5600MT/s (1DPC) in 8 DIMM slots
4. 2 PCIe 5.0 x8
   2 PCIe 5.0 x16
   M.2 Interface: 2 PCIe 3.0 x4
   M.2 Form Factor: 2280, 22110
   M.2 Key: M-Key
5. Dual LAN with 10GbE with Intel® X710
6. 2 USB 3.0 (2 rear)
7. I/O: 1 VGA, 1 TPM header

...

Optimized Servers

SSG-221E-DN2R24R

Contact Us

Specifications | Resources | Parts List

Product SKUs

MBD-X13SEB-TF

Physical Stats

Form Factor	Proprietary SBB
Dimension	6.4" x 17.2" (16.256cm x 43.688cm)

Processor

CPU	5th Gen Intel® Xeon® / 4th Gen Intel® Xeon® Scalable processors Single Socket E (LGA-4677) supported, CPU TDP supports Up to 350W TDP *BIOS 2.1 or above is required to support 5th Gen Intel® Xeon® Scalable processors
Core	Up to 64 cores

System Memory

Memory Capacity	8 DIMM slots Up to 2TB 3DS ECC RDIMM, DDR5-5600MT/s *24GB/48GB/96GB DDR5 DIMMs with 24Gb chip are only supported by 5th and 4th XCC Gen Intel® Xeon-SP CPU.
Memory Type	5600/5200/4800/4400/4000 MT/s ECC DDR5 RDIMM (3DS) Up to 256GB of memory with speeds of up to 5600MT/s(1DPC)
DIMM Sizes	16GB, 24GB, 32GB, 48GB, 64GB, 96GB, 128GB, 256GB
Memory Voltage	1.1V
Error Detection	Corrects single-bit errors

On-Board Devices

Chipset	Intel® C741
IPMI	ASPEED AST2600 BMC
Network Controllers	N/A

Input / Output

LAN	2 RJ45 10 Gigabit Ethernet LAN ports 1 RJ45 Dedicated IPMI LAN port
USB	2 USB 3.1 Gen1 port(s) (2 rear)
Video Output	VGA D-Sub Connector port(s)
Serial Port	1 COM Port(s) (1 header)
TPM	1 TPM Header

Expansion Slots

PCIe	2 PCIe 5.0 x8, 2 PCIe 5.0 x16
M.2	M.2 Interface: 2 PCIe 3.0 x4 Form Factor: 2280, 22110 Key: M-Key

System BIOS

BIOS Type	

Management

Software	SuperCloud Composer, Supermicro Server Manager (SSM), Supermicro Power Manager (SPM), Supermicro Update Manager (SUM), Supermicro SuperDoctor® 5 (SD5), Super Diagnostics Offline (SDO), Supermicro Thin-Agent Service (TAS), SuperServer Automation Assistant (SAA) New!, Plug-ins for 3rd Party Software, IPMI Utilities

PC Health Monitoring

Voltage	VBAT, System level control, Supports system management utility, Monitors CPU voltages, Chipset Voltage, +5V standby, +5V, +3.3V, +12V
LED	UID/Remote UID CPU / System Overheat LED
Temperature	Monitoring for CPU and chassis environment CPU thermal trip support Thermal Monitor 2 (TM2) support PECI
FAN	Fan speed control
Other Features	WOL, UID, Node Manager Support, M.2 NGFF connector, Control of power-on for recovery from AC power loss, ACPI power management

---

Certain products may not be available in your region

Global SKU 🌐 English