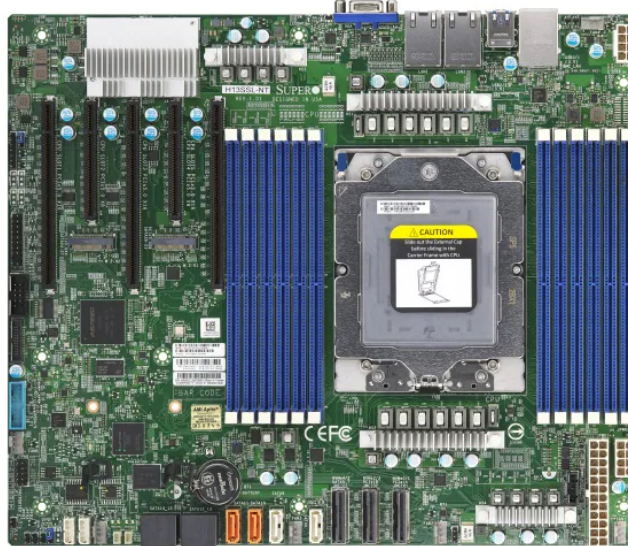


H13SSL-NT **New**



ATX

Key Features

- AMD EPYC™ 9004 series Processors
- System on Chip
- Up to 3TB 3DS ECC RDIMM, DDR5-4800MHz in 12 DIMM slots
- 3 PCIe 5.0 x16 2 PCIe 5.0 x8
- 2x 10GBase-T LAN Ports via Broadcom BCM57416
- Up to 6 USB 3.0 ports(4 rear + 2 via header)
- 8 SATA3
- ASPEED AST2600 BMC graphics
- 6 PWM 4-pin Fans with tachometer status monitoring
- M.2 Interface:** 2 PCIe 4.0 x4 **M.2 Form Factor:** 2280, 22110

Specifications

Product SKUs

MBD-H13SSL-NT

Physical Stats

Form Factor

ATX

Dimension

12" x 10.1" (30.48cm x 25.65cm)

Processor

CPU

AMD EPYC™ 9004 series Processors

Single Socket SP5 supported, CPU TDP supports Up to 400W TDP

Core

Up to 96/192

System Memory

Memory Capacity

12 DIMM slots

Up to 3TB 3DS ECC Registered RDIMM, DDR5-4800MHz

Memory Type

4800MHz ECC DDR5 RDIMM (3DS) Up to 256GB of memory with speeds of up to 4800MHz (1DPC)

DIMM Sizes

16GB, 24GB, 32GB, 40GB, 48GB, 64GB, 80GB, 96GB, 128GB, 192GB, 256GB

Memory Voltage

1.1V

Error Detection

Corrects single-bit errors

Detects double-bit errors (using ECC memory)

On-Board Devices

Chipset

System on Chip

Network Controllers

Dual LAN with Broadcom BCM57416 10GBase-T

Input / Output

SATA

8 SATA3 (6Gbps) port(s)

LAN

1 RJ45 Dedicated IPMI LAN port

USB

6 USB 3.0 port(s) (4 USB; 2 via header)

Video Output

1 VGA port(s)

Serial Port

1 COM Port(s) (1 header)

TPM

1 TPM Header

Others

1 MCIO (PCIe 5.0 x8/SATA3) Port(s)

2 MCIO (PCIe 5.0 x8) Port(s)

Expansion Slots

PCIe

3 PCIe 5.0 x16 (in x16 slot),

2 PCIe 5.0 x8

M.2

M.2 Interface: 2 SATA/PCIe 4.0 x4

Form Factor: 2280/22110

Key: M-Key

System BIOS

BIOS Type

AMI 32MB SPI Flash EEPROM

BIOS Features

ACPI 6.4

SMBIOS 3.5 or later

UEFI 2.8

Plug and Play (PnP)

USB Keyboard support

Management

Software

SuperDoctor® 5, SPM, SUM, SSM, Watchdog, IPMICFG, IPMIView for Linux/Windows, SMCIPMITool, IPMI 2.0, KVM with dedicated LAN

PC Health Monitoring

Voltage

VBAT, Memory temperature, CPU temperature, 3.3V standby, +5V standby, +5V, +3.3V, +12V, VRM temperature, CPU thermal trip support, 1.8V standby

LED

UID/Remote UID

BMC/IPMI Heartbeat LED

Other Features

RoT

FAN

6x 4-pin fan headers (up to 6 fans)

Operating Environment

Operating Temperature Range

10°C - 35°C (50°F - 95°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

Optional Parts

TPM security module (optional, not included)

Part Number AOM-TPM-9670V

Qty 1

Description SPI capable TPM 1.2 with Infineon 9670 controller with vertical form factor