X13SAV-PS New

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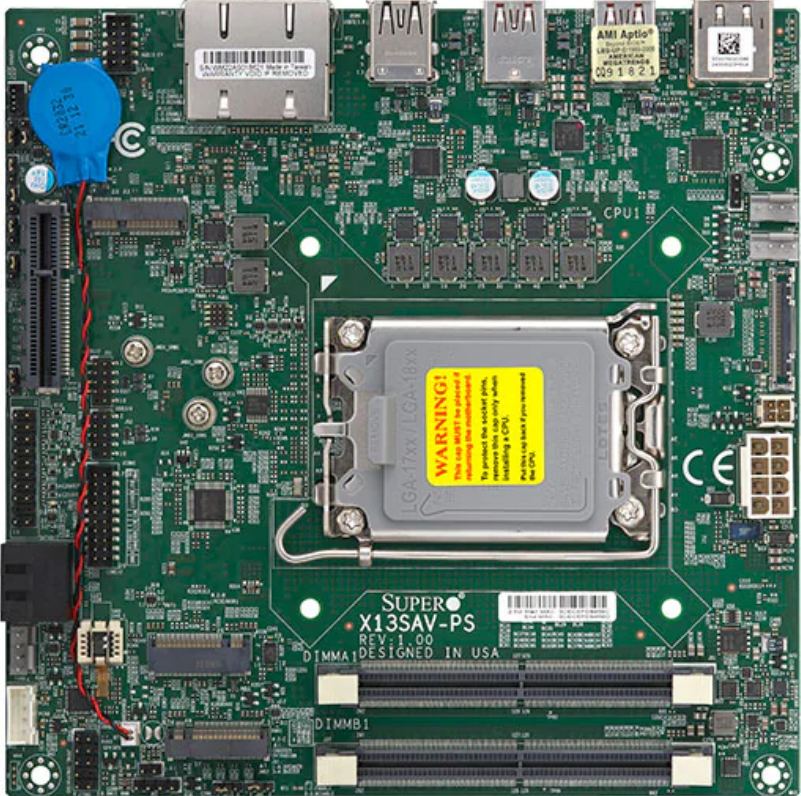**Embedded**
PCIe 4.0 x4 slot
4 Independent Displays

Key Features

1. 13th/12th Gen Intel® Core™ processors , Intel® Celeron® processors, SoC, Single Socket LGA-1700 supported, CPU TDP supports Up to 65W TDP
2. Up to 64GB Unbuffered non-ECC SODIMM, DDR5-4800MHz, in 2 SODIMM slots
3. 1 PCIe 4.0 x4 slot
   1 M.2 M-Key 2280 (PCIe 4.0 x4)
   1 M.2 E-Key 2230 (PCIe 3.0 x1/USB2.0)
   1 M.2 B-Key 3052 (PCIe 3.0 x2/USB3.0/USB2.0)
4. Dual 2.5 Gigabit LAN with Intel® Ethernet i225LM LAN controller [AMT/vPro]
5. 4 Independent Displays (1 DP ports, 1 HDMI port, 2 TYPE C support DP/USB3.0)
6. Supports 12V DC power input
7. Onboard TPM2.0

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Optimized Servers

SYS-E302-13AD

Specifications	Resources	Parts List

Product SKUs

MBD-X13SAV-PS

Physical Stats

Form Factor	Mini-ITX
Dimension	6.7" x 6.7" (17.02cm x 17.02cm)

Processor

CPU	13th/12th Generation Intel RPL-PS/ADL-PS CPU model i7-xxxxxUL(or HL), i5-xxxxxUL(or HL), i3-xxxxxUL(or HL), Celeron xxxxL Processor Single Socket V0 supported
Core	Up to 14 cores

System Memory

Memory Capacity	2 DIMM slots Up to 64GB Unbuffered non-ECC SODIMM, DDR5-4800MT/s
Memory Type	4800 MT/s non-ECC DDR5 SODIMM Unbuffered
DIMM Sizes	8GB, 16GB, 32GB
Memory Voltage	1.1V

On-Board Devices

Chipset	System on Chip
SATA	System on Chip controller for 2 SATA3 (6 Gbps) ports
Graphics	4 Independent Displays thru DP/HDMI/eDP/TYPE C
Network Controllers	Dual LAN with Intel® Ethernet i225LM

Input / Output

SATA	2 SATA3 (6Gbps) port(s)
USB	2 USB 3.2 Gen2 port(s) (2 rear type C) 8 USB port(s) (4 rear type A; 4 via header)
Video Output	1 HDMI port(s), 1 DP (DisplayPort) port(s)
Serial Port	2 COM Port(s) (2 header RS232/422/485)

Expansion Slots

PCIe	1 PCIe 4.0 x4

System BIOS

BIOS Type	AMI UEFI
BIOS Features	ACPI 6.1 SMBIOS 3.0 or later PCI FW 3.0 UEFI 2.7 RTC (Real Time Clock) Wakeup

Management

Software	Supermicro Server Manager (SSM), Supermicro Update Manager (SUM), Supermicro SuperDoctor® 5 (SD5), Super Diagnostics Offline (SDO), SuperServer Automation Assistant (SAA) New!
System Management Software	Wake-on-LAN, Watchdog
Power Configurations	Power-on mode for AC power recovery, ACPI Power Management, ATX Power connector, CPU thermal trip support for processor protection, +12V DC Power Input

PC Health Monitoring

Voltage	VBAT, System temperature, PCH temperature, CPU temperature, Chipset Voltage, 3 -fan status, +5V, +3.3V, +12V, Monitors CPU Core Voltages
FAN	3x 4-pin fan headers (up to 3 fans) PWM fan speed control Thermal Control for 3 Fan Connectors
Other Features	WOL ATX Power connector ACPI power management 8-pin 12v DC power connector 12V DC or ATX Power Source

Operating Environment

Operating Temperature Range	0°C - 60°C (32°F - 140°F)
Non-Operating Temperature Range	-40°C - 85°C (-40°F - 185°F)
Operating Relative Humidity Range	10% - 85% (non-condensing)
Non Operating Relative Humidity Range	10% - 95% (non-condensing)

Certain products may not be available in your region

Global SKU 🌐 English