

X13SAV-PS New

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Embedded

PCIe 4.0 x4 slot

4 Independent Displays

Key Features

Company

Support

1. 13th/12th Gen Intel[®] Core[™] processors , Intel[®] Celeron[®] processors, SoC, Single Socket LGA-1700 supported, CPU TDP supports Up to 65W TDP

Buy

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- 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]

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- 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



Optimized Servers

SYS-E302-13AD

Specifications Parts List Resources **Product SKUs Expansion Slots** MBD-X13SAV-PS **PCIe** 1 PCIe 4.0 x4

Products

Solutions

Physical Stats		System BIOS		
Form Factor	Mini-ITX		BIOS Type	AMI UEFI

Dimension	6.7" x 6.7" (17.02cm x 17.02cm)	BIOS Features	ACPI 6.1 SMBIOS 3.0 or later		
Processor			PCI FW 3.0		
FICESSO			UEFI 2.7		
6211			RTC (Real Time Clock) Wakeup		
CPU	13th/12th Generation Intel RPL-PS/ADL-PS CPU model i7-		Rie (Real Time clock) Walkeap		
	xxxxxUL(or HL), i5-xxxxxUL(or HL), i3-xxxxxUL(or HL), Celeron	Management			
	xxxxL Processor	Management			
	Single Socket V0 supported	Coff	Companying Company Manager (CCM). Companying the data		
		Software	Supermicro Server Manager (SSM), Supermicro Update		
Core	Up to 14 cores		<u>Manager (SUM), Supermicro SuperDoctor® 5 (SD5), Super</u>		
			Diagnostics Offline (SDO), SuperServer Automation Assistant		
System Memory			<u>(SAA) New!</u>		
		System Management	Wake-on-LAN, Watchdog		
Memory Capacity	2 DIMM slots	Software	wake on Entry, waterloog		
	Up to 64GB Unbuffered non-ECC SODIMM, DDR5-4800MT/s	Soltware			
		Power Configurations	Power-on mode for AC power recovery, ACPI Power		
Memory Type 4800 MT/s non-ECC DDR5 SODIMM Unbuffered		Fower configurations	Management, ATX Power connector, CPU thermal trip support		
			for processor protection, +12V DC Power Input		
DIMM Sizes	8GB, 16GB, 32GB				
		PC Health Monitoring			
Memory Voltage	1.1V	g			
		Voltage	VBAT, System temperature, PCH temperature, CPU		
On-Board Devices		Ũ	temperature, Chipset Voltage, 3 -fan status, +5V, +3.3V, +12V,		
			Monitors CPU Core Voltages		
Chipset	System on Chip				
		FAN 3x 4-pin fan headers (up to 3 fans)			
SATA	System on Chip controller for 2 SATA3 (6 Gbps) ports		PWM fan speed control		
			Thermal Control for 3 Fan Connectors		
Graphics	4 Independent Displays thru DP/HDMI/eDP/TYPE C				
		Other Features	WOL		
Network Controllers	Dual LAN with Intel [®] Ethernet i225LM		ATX Power connector		
			ACPI power management		
nput / Output			8-pin 12v DC power connector		
			12V DC or ATX Power Source		
SATA	2 SATA3 (6Gbps) port(s)				
		Operating Environment			
USB	2 USB 3.2 Gen2 port(s) (2 rear type C)				
	8 USB port(s) (4 rear type A; 4 via header)	Operating Temperature	0°C - 60°C (32°F - 140°F)		
		Range			
Video Output	1 HDMI port(s), 1 DP (DisplayPort) port(s)				
		Non-Operating	-40°C - 85°C (-40°F - 185°F)		
Serial Port	2 COM Port(s) (2 header RS232/422/485)	Temperature Range			
Jenaron	2 COM FOLLS (2 Header (G2S2/422/403))	b			

Operating Relative 10% - 85% (non-condensing) **Humidity Range** Non Operating Relative 10% - 95% (non-condensing) Humidity Range

Certain products may not be available in your region

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