Embedded SuperServer SYS-E300-14AR-01-G2

More details here

Key Applications

Branch Office / Store Appliance

Gold Configuration Details

- CPU: 1x Intel® Core Ultra™ U5-245 (14C/3.0GHz)
- Memory: 32GB DDR5-5600
- Storage: 1x 960GB M.2 NVMe SSD
- NIC: 2-port 10GbE
- NIC: 2-port 2.5GbE
- Power: 180W Power Adapter



Base System Specs

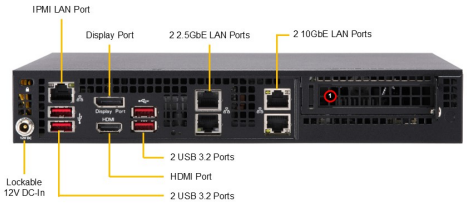
Form Factor	Fan-based Embedded Enclosure: 264.8 x 43 x 225.8mm (10.43" x 1.69" x 8.89") Package: 381 x 276 x 142mm (15" x 10.87" x 5.59")
Processor	Single LGA-1851 Intel® Core™ Ultra 9/7/5 (Series 2) processors Up to 14C/14T
System Memory	Slot Count: 2 DIMM slots Max Memory (1DPC): Up to 96GB 6400MT/s ECC/non-ECC DDR5 SO-DIMM
Drive Bays Configuration	(*SATA support may require additional storage controller and/or cables, please see the optional parts list for details) M.2: 1 M.2 PCIe 5.0 x4 NVMe slot (M-key 2280)
Expansion Slots	1 M.2 PCIe 4.0 x2 slot (B-key 3052)
On-Board Devices	Intel® W880
Input / Output	LAN: 1 RJ45 1 GbE Dedicated BMC LAN port 2 RJ45 10 GbE LAN ports (Intel® X550) 2 RJ45 2.5 GbE LAN ports (Intel® I226-LM) USB: 4 USB 3.2 Gen2 Type-A ports (Rear) Video: 1 VGA port (Rear) 1 DisplayPort 2.1 port (Rear) 1 port(s) supporting 8K@60Hz as specified in HDMI® 2.1 (Rear) TPM: 1 TPM header 1 TPM Onboard/port 80

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(Front View – System)



(Rear View – System)



	Slot Description
1	PCIe 5.0 x16 LP

System Cooling	Fans: Up to 1 CPU heatsink with Φ80x15mm Fan(s) Up to 2x 4-PIN PWM 40x40x28mm Fan(s)
Power Supply	1x 180W power supply
System BIOS	BIOS Type: AMI 32MB UEFI BIOS Features: ACPI 6.5 SMBIOS 3.7 or later UEFI 2.9
Management	SuperCloud Composer® (SCC); Supermicro Server Manager (SSM); Super Diagnostics Offline (SDO); Supermicro Thin-Agent Service (TAS); SuperServer Automation Assistant (SAA) New!; Plug-ins for 3rd Party Software
Dimensions and Weight	Weight: Gross Weight: 7.5 lbs (3.4 kg) Net Weight: 3.7 lbs (1.6 kg) Available Color: Black
Operating Environment	Operating Temperature: 0°C to 40°C (32°F to 104°F) with 0.7 m/s airflow Non-operating Temperature: -40°C to 70°C (-40°F to 158°F) Operating Relative Humidity: 8% to 90% (non-condensing) Non-operating Relative Humidity: 5% to 95% (non-condensing)
Motherboard	**Super X14SAV-TLN4F**
Chassis	**CSE-E300**

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