IoT SuperServer SYS-E403-13E-FRN2T

X13 2.5U Box PC with Intel 5th / 4th Gen Intel Xeon Scalable processor and support for 3 PCIe 5.0 x16 (FHFL) slots and 2 10GbE LAN

More details here

Key Applications

Multi-Access Edge Computing (MEC), Universal Customer Premise Equipment (uCPE), Industrial Automation, Artificial Intelligence (AI) on Edge, Machine Learning (ML), Smart Retail/Medical Expert Systems,

Key Features

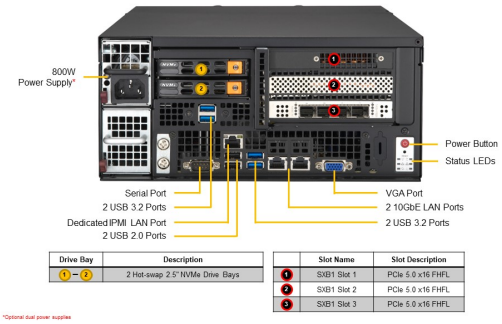
- Support 5th and 4th Gen Intel® Xeon® Scalable processors;
- Up to 8 DIMMs and total 2TB 3DS ECC DDR5-5600 RDIMM;
- 3x PCIe5.0 x16 slot;
- 2x 10 Gigabit Ethernet Ports;
- Up to 4x 2.5" U.2 NVMe drive(2 Hot-swap, Optional 2 fixed);



Form Factor	Fan-based Embedded Rackmount Enclosure: 266.7 x 117.348 x 406.4mm (10.5" x 4.62" x 16") Package: 416 x 264 x 660mm (16.4" x 10.4" x 26")
Processor	Single Socket E (LGA-4677) 5th Gen Intel® Xeon® / 4th Gen Intel® Xeon® Scalable processors Up to 32C/64T; Up to 60MB Cache
System Memory	Slot Count: 8 DIMM slots Max Memory (1DPC): Up to 2TB 5600MT/s ECC DDR5 RDIMM
Drive Bays Configuration	Default: Total 4 bay(s) • 2 front hot-swap 2.5" NVMe drive bay(s) • 2 internal fixed 2.5" SATA* drive bay(s) (*SATA support may require additional storage controller and/or cables, please see the optional parts list for details) M.2: 1 M.2 PCIe 3.0 x2 NVMe slot(s) (M-key 2280/22110)
Expansion Slots	Default • 3 PCIe 5.0 x16 FHFL slot(s)
On-Board Devices	NVMe: NVMe; RAID 0/1 support(Intel® VROC RAID key required) Chipset: Intel® C741 Network Connectivity: 2 RJ45 10GBASE-T with Intel® X550-AT2 1 RJ45 1GbE with Realtek RTL8211F PHY (dedicated IPMI)
Input / Output	LAN: 1 RJ45 1 GbE Dedicated IPMI LAN port(s) 2 RJ45 10 GbE LAN port(s) (Intel® X550-AT2) USB: 2 USB 2.0 Type-A port(s) (rear) 4 USB 3.2 Gen1 Type-A port(s) (Rear) Video: 1 VGA port(s) (Rear)

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(Front View – System)

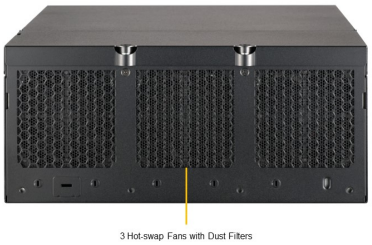


Drive Bay	Description
1 – 2	2 Hot-swap 2.5" NVMe Drive Bays

	Slot Name	Slot Description
1	SXB1 Slot 1	PCIe 5.0 x16 FHFL
2	SXB1 Slot 2	PCIe 5.0 x16 FHFL
3	SXB1 Slot 3	PCIe 5.0 x16 FHFL

*Optional dual power supplies

(Rear View – System)



System Cooling	Fans: 3x 8cm heavy duty fans with optimal fan speed control 80x80x38mm Fan(s)
Power Supply	1x 800W Redundant Platinum Level (94%) power supply
Management	SuperCloud Composer; Supermicro Server Manager (SSM); Supermicro Update Manager (SUM); Supermicro SuperDoctor® 5 (SD5); Super Diagnostics Offline (SDO); Supermicro Thin-Agent Service (TAS); SuperServer Automation Assistant (SAA) New!
Dimensions and Weight	Weight: Gross Weight: 24.5 lbs (10.95 kg) Net Weight: 18.5 lbs (8.16 kg) Available Color: Black
Operating Environment	Operating Temperature: 0°C ~ 45°C (32°F ~ 113°F) 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 X13SEW-TF**
Chassis	**CSE-E403BiF-000NDBP2**

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