IoT SuperServer SYS-E403-12P-FN2T
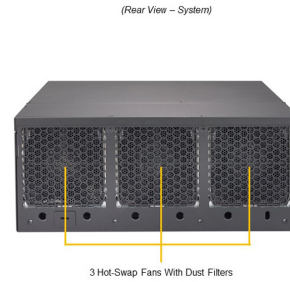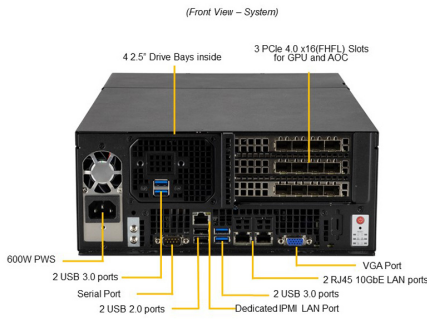
More details here

Key Applications

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

Key Features

- Single Socket Intel® Xeon-SP (Ice Lake) up to 32 Cores;
- 3x PCIe4.0 x16 slot;
- 2x 10 Gigabit Ethernet Ports;
- 4x 2.5" Internal Drive Bays;
- 4x USB 3.0, 2x USB 2.0;

Form Factor	Box PC Rackmount Enclosure: 267 x 109 x 406mm (10.5" x 4.3" x 16") Package: 400 x 248 x 546mm (15.75" x 9.75" x 21.5")
Processor	3rd Gen Intel® Xeon® Scalable processors Single Socket LGA-4189 (Socket P+) supported TDP up to 205W;
System Memory	8 DIMM slots
Drive Bays	4x 2.5" SATA drive bays;
Expansion Slots	3 PCIe 4.0 x16 FHFL slot(s)
On-Board Devices	SATA: SATA3 (6Gbps); RAID 0/1 support Chipset: Intel® C621A Network Connectivity: 2x 10GbE BaseT port(s) IPMI: Support for Intelligent Platform Management Interface v.2.0 IPMI 2.0 with virtual media over LAN and KVM-over-LAN support
Input / Output	Video: 1 VGA port(s) Serial Port: 1 COM Port(s) (1 front)

(Front View – System)

4 2.5" Drive Bays inside

3 PCIe 4.0 x16(FHFL) Slots for GPU and AOC

600W PWS

2 USB 3.0 ports

Serial Port

2 USB 2.0 ports

Dedicated IPMI LAN Port

2 USB 3.0 ports

2 RJ45 10GbE LAN ports

VGA Port

(Rear View – System)

3 Hot-Swap Fans With Dust Filters

System Cooling	3 heavy duty fan(s)
Power Supply	600W AC 100-240V Power Supply Dimension (W x H x L): 100 x 40 x 220 mm
System BIOS	BIOS Type: AMI UEFI AMI UEFI AMI UEFI AMI UEFI BIOS Features: SMBIOS 3.0 or later
Management	IPMI 2.0; SuperDoctor® 5; Watch Dog; NMI; KVM with dedicated LAN; Intel® Node Manager; SPM; SUM
Dimensions and Weight	Height: 4.3" (109 mm) Width: 10.5" (267 mm) Depth: 16" (406 mm) Gross Weight: 24 lbs (10.89 kg) Net Weight: 18 lbs (8.16 kg) Packaging: 9.75" (H) x 15.75" (W) x 21.5" (D) 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 X12SPW-TF](#)
Chassis	CSE-E403iF-000NBP

Parts List

Standard Parts (Parts Included)

Motherboard / Chassis

Part Number	MBD-X12SPW-TF	CSE-E403iF-000NBP
Qty	1	1
Description	Super X12SPW-TF Motherboard	Box PC Chassis

Cable

Part Number	CBL-0082L	CBL-CUSB-0832	CBL-PWCD-0260-IS	CBL-SAST-0616	CBL-SAST-1207LP1-85
Qty	2	1	1	1	2
Description	Y SPLIT SATA POWER ADAPTER, PB FREE	USB 3.0(F) Type A 2x to USB3.0 20pin,73CM,30AWG,RoHS	PWCD,US,NEMA5-15P TO IEC60320 C13,6FT,18AWG,RoHS/REACH	Internal Mini SAS HD to 4 SATA 50CM, S, w/50cm SB	[NR]SlimSAS x8 STR to SlimSASLP x8 STR,20CM,LnRvs,85Ohm,RoHS

Fan

Part Number	FAN-0200L4
Qty	3
Description	80x80x38 mm, 13.5K RPM Cooling Fan for CSE-E403IF, RoHS

Parts

Part Number	MCP-260-00078-0B
Qty	1
Description	1U I/O shield for X11 Server MB with 5X5mm vent hole and EMI Gasket, Black

Air Shroud

Part Number	MCP-310-40304-0B
Qty	1
Description	Mylar air shroud for X12SPW in CSE-E403iF,Black

Manual

Part Number	MNL-2455-QRG
Qty	1
Description	E403-12P-FN2T Quick Reference Guide

Power Supply

Part Number	PWS-601-1H
Qty	1
Description	1U 600/680W MULTI OUTPUT PWS 80+ GOLD

Riser Card

Part Number	RSC-W2R-666G4
Qty	1
Description	2U RHS WIO Riser card with threePCI-E4.0X16Slots,HF,RoHS

Heatsink / Retention

Part Number	SNK-P0077V
Qty	1
Description	X12 ICX/CPX CPU Heatsink (78x113x25.5mm), VC Base, Cu Fin