

IoT SuperServer SYS-111E-FWTR



More details here

Key Applications

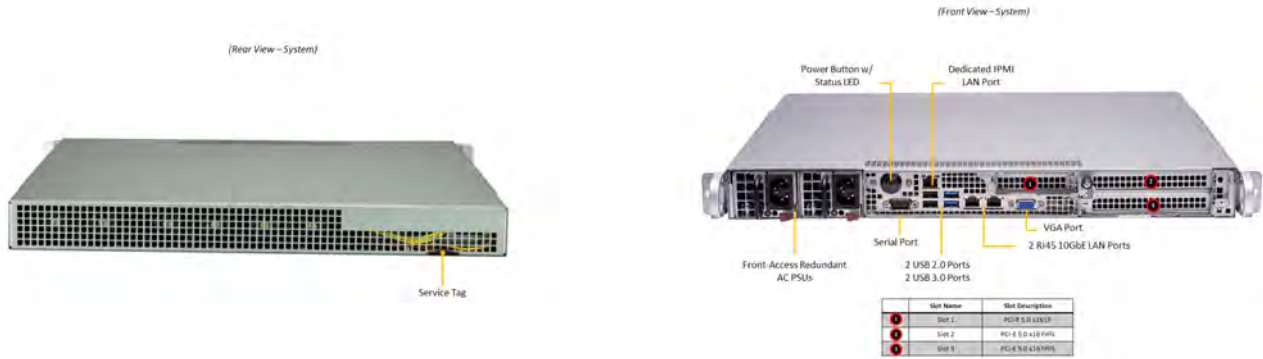
Multi-Access Edge Computing, Outdoor DU of 5G Application, Flex-RAN, Open-RAN vBBU, Artificial Intelligence (AI) on Edge, Machine Learning (ML),

Key Features

- 4th Gen Intel® Xeon® Scalable Processors(Sapphire Rapids);
- 8 DIMMs; Up to 2TB 3DS ECC DDR5-4800; RDIMM;
- 2x 2.5" drive bays; 1 M.2 NVMe (PCIe 3.0 x2 from PCH);
- 6 heavy duty fans with optimal fan speed control; 1 Air Shroud(s);
- 800W AC Redundant Power Supplies Level;



Form Factor	1U Rackmount Enclosure: 436.88 x 44.5 x 429.3mm (17.2" x 1.7" x 16.9") Package: 685 x 203 x 609mm (27" x 8" x 24")
Processor	4th Gen Intel® Xeon® Scalable processors Single Socket LGA-4677 (Socket E) supported (Supports up to 205W TDP CPUs (Aircooled))
System Memory	8 DIMM slots Up to 2TB ECC RDIMM/LRDIMM, DDR5-4800MHz
Drive Bays	2x 2.5" SATA drive bays 1x M-Key 22110/2280 (PCIe 3.0 x2 (NVMe))
Expansion Slots	1 PCIe 5.0 x16 LP slot(s) 2 PCIe 5.0 x16 FHFL slot(s)
On-Board Devices	SATA: SATA3 (6Gbps); RAID 0/1 support Chipset: Intel® C741 Network Connectivity: 2x 10GbE 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	LAN: 1 RJ45 Dedicated IPMI LAN port 2 RJ45 10GbE (Intel® X550-AT2) USB: 2 USB 3.0 port(s) (2 USB) 2 USB 2.0 port(s) (2 USB) Video: 1 VGA port(s) Others: 1x COM Port COM port



System Cooling	4 heavy duty fan(s)
Power Supply	800W Redundant AC 100-240V Power Supplies with PMBus Dimension (W x H x L): 54.5 x 40 x 220 mm
Management	IPMI 2.0
PC Health Monitoring	CPU: Monitors for CPU Cores, Chipset Voltages, Memory FAN: Fans with tachometer monitoring Status monitor for speed control Pulse Width Modulated (PWM) fan connectors Temperature: Monitoring for CPU and chassis environment CPU thermal trip support, PEPI
Dimensions and Weight	Height: 1.7" (44.5 mm) Width: 17.2" (436.88 mm) Depth: 16.9" (429.3 mm) Gross Weight: 15 lbs (6.8 kg) Net Weight: 10 lbs (4.54 kg) Packaging: 8" (H) x 27" (W) x 24" (D) Available Color: Silver
Operating Environment	Operating Temperature: 0°C ~ 40°C (32°F ~ 104°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-515B-R801W