

UP SuperServer SYS-111E-WR



More details here

Key Applications

Virtualization, Cloud Computing, Data Center Optimized, Database/Storage, Entry GPU server,

Key Features

- Single Socket E (LGA-4677) 4th Gen Intel® Xeon® Scalable processors. Up to 300W TDP;
- Intel® C741 Chipset;
- 8 DIMMs; Supports 3DS DDR5 RDIMM. Up to 4800 MT/s;
- 2 PCIe 5.0 x16 FHFL; 1 PCIe 5.0 x8 (in x16) LP; 1 PCIe 3.0 x2 NVMe M.2;
- Onboard 1G LAN ports (Intel® i210), 1 dedicated IPMI LAN;
- 10x front hot-swap 2.5" SATA3 drive bays (Optional all 10 hybrid Gen5 NVMe), SAS3 with additional SAS controller card;
- Redundant Platinum 860W Power Supplies;



Form Factor

1U Rackmount
Enclosure: 437 x 43 x 597mm (17.2" x 1.7" x 23.5")
Package: 609.6 x 203.2 x 812.8mm (24" x 8" x 32")

Processor

4th Gen Intel® Xeon® Scalable processors
Single Socket LGA 4677 (Socket E) supported

(Supports up to 300W TDP CPUs (Aircooled))

System Memory

8 DIMM slots

Drive Bays

10x 2.5" NVMe/SATA/SAS drive bays; 10x 2.5" NVMe hybrid;

Expansion Slots

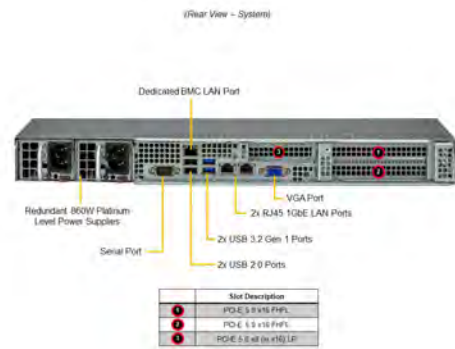
2 PCIe 5.0 x16 FHFL slot(s)
1 PCIe 5.0 x8 (in x16) LP slot(s)
Note: Acronyms: (FH = Full Height, LP = Low Profile, FL = Full Length, HL = Half Length)

On-Board Devices

SATA: SATA3 (6Gbps); RAID 0/1/5/10 support
NVMe: NVMe
Chipset: Intel® C741
Network Connectivity: 2x 1GbE BaseT with Intel® i210
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

SATA: 8 SATA (6Gbps) port(s)
LAN: 2 RJ45 1GbE LAN ports
1 RJ45 Dedicated IPMI LAN port
USB: 4 USB 3.2 Gen 1 port(s) (2 front; 2 rear)
3 USB 2.0 port(s) (2 rear; 1 Type A)
Video: 1 VGA port(s)
Serial Port: 2 COM Port(s) (1 header; 1 rear)
DOM: 2 SuperDOM (Disk on Module) port with built-in power



System Cooling	5x (4cm x 4cm x 5.6cm) heavy duty fan(s) 5x (4cm x 4cm x 5.6cm) heavy duty fan(s)
Power Supply	800W/860W 1U redundant power supply Dimension (W x H x L): 54.5 x 40.25 x 322 mm Output Type: Backplanes (gold finger)
System BIOS	BIOS Type: AMI 32MB SPI Flash EEPROM
Management	NMI; SUM; KVM with dedicated LAN; SPM; Intel® Node Manager; SSM; Redfish API; IPMI2.0
PC Health Monitoring	CPU: Monitors for CPU Cores, Chipset Voltages, Memory 8 Phase-switching voltage regulator FAN: Fans with tachometer monitoring Status monitor for speed control Pulse Width Modulated (PWM) fan connectors Temperature: Monitoring for CPU and chassis environment Thermal Control for fan connectors
Dimensions and Weight	Height: 1.7" (43 mm) Width: 17.2" (437 mm) Depth: 23.5" (597 mm) Gross Weight: 38 lbs (17.24 kg) Net Weight: 25 lbs (11.34 kg) Packaging: 8" (H) x 24" (W) x 32" (D) Available Color: Black
Operating Environment	Operating Temperature: 10°C ~ 35°C (50°F ~ 95°F) Non-operating Temperature: -30°C to 60°C (-22°F to 140°F) Operating Relative Humidity: 8% to 80% (non-condensing) Non-operating Relative Humidity: 8% to 90% (non-condensing)
Motherboard	Super X13SEW-F
Chassis	CSE-116BTS-R860WP