

## **UP SuperServer SYS-111E-WR**

1U UP WIO with 10 hot-swap 2.5" NVMe/SAS/SATA bays and 3 PCIe 5.0 slots



## **Key Applications**

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

## **Key Features**

- Single Socket E (LGA-4677) 4th/5th Gen Intel® Xeon® Scalable processors. Up to 300W TDP;
- Intel® C741 Chipset;
- 8 DIMMs; Supports 3DS DDR5 RDIMM. Up to 5600 MHz;
- 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 Now Titanium 860W Power Supplies;



Form Factor	1U Rackmount
	Enclosure: 437 x 43 x 597mm (17.2" x 1.7" x 23.5")
	Package: 597 x 197 x 800mm (23.5" x 7.75" x 31.5")
	Fackage. 391 X 131 X 000111111 (25.3 X 1.13 X 31.3 )
Processor	Single Socket E (LGA-4677)
	5th Gen Intel® Xeon® / 4th Gen Intel® Xeon® Scalable processors
	Up to 52C/104T; Up to 300MB Cache
	59 to 525/10 11, 69 to 50011B cucine
GPU	Max GPU Count: Up to 1 double-width or 2 single-width GPU(s)
	Supported GPU: NVIDIA PCIe: T400, L4, A2, A10
	CPU-GPU Interconnect: PCIe 5.0 x16 CPU-to-GPU Interconnect
System Memory	Slot Count: 8 DIMM slots/8 Channels
	Max Memory (1DPC): Up to 2TB 5600MT/s ECC DDR5 RDIMM
Drive Bays Configuration	Default: Total 10 bay(s)
	<ul> <li>10 front hot-swap 2.5" NVMe*/SAS*/SATA drive bay(s)</li> </ul>
	(*NVMe/SAS 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
	• 2 PCIe 5.0 x16 FHFL slot(s)
	• 1 PCIe 5.0 x8 (in x16) LP slot(s)
	- 11 010 010 10 (111 1120) 21 0100(0)
On-Board Devices	SATA: SATA (6Gbps); RAID 0/1/5/10 support
	NVMe: NVMe; RAID 0/1/5/10 support(Intel® VROC RAID key required)
	Chipset: Intel® C741
	Network Connectivity: 2 RJ45 1GbE with Intel® I210
Input / Output	LAN: 2 RJ45 1 GbE LAN port(s)
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	1 RJ45 1 GbE Dedicated BMC LAN port(s) (IPMI shared on LAN port 1)
	USB: 2 USB 3.2 Gen1 Type-A port(s) (rear)
	2 USB 2.0 Type-A port(s) (rear)
	2 USB 3.2 Gen1 Type-A port(s) (front)
	1 USB 2.0 Type-A port(s) (Header)
	Video: 1 VGA port(s)
	Video: 1 VGA port(s) Serial: 1 COM port(s) (Rear)



Power Bulton

Status LEDs

UID Button

Pull out Tag

Drive Bay

Description

2 USB 3 2 Gen1

Ports

2 USB 3 2 Gen1

Ports

\* NVMe or SASS support requires additional parts from the optional parts list

(Front View - System)

Dedicated BMC LAN Port

Redundart 800W Tilanium
Level Power Supplies

2 USB 3 2 Gen 1 Ports

2 USB 2 0 Ports

Serial Port

2 USB 2 0 Ports

Serial Port

2 USB 2 0 Ports

Ports 5 add First.

Ports 5 add First.

Ports 5 add first.

(Rear View - System)

System Cooling	Fans: 1 AOC cooling Fan(s) (optional) 5 middle cooling PWM 40x40x56mm Fan(s)
Power Supply	2x 860W Redundant (1 + 1) Titanium Level power supplies
System BIOS	BIOS Type: AMI 32MB SPI Flash EEPROM
Management	SuperCloud Composer; Supermicro Server Manager (SSM); Supermicro Update Manager (SUM); SuperDoctor® 5; Super Diagnostics Offline; TAS: Supermicro Thin-Agent Service (TAS); SAA(new!)
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	Weight: Gross Weight: 33.5 lbs (15.2 kg) Net Weight: 21 lbs (9.53 kg) 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-R000WNP