

UP SuperServer SYS-111E-WR

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



More details here

Key Applications

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

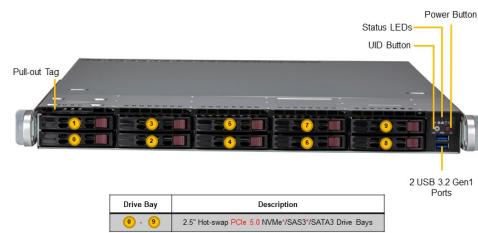
Key Features

- 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;



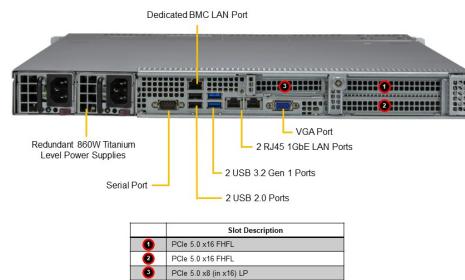
| | |
|--------------------------|---|
| Form Factor | 1U Enclosure: 437 x 43 x 597mm (17.2" x 1.7" x 23.5") Package: 597 x 197 x 800mm (23.5" x 7.75" x 31.5") |
| Processor | Single Socket E (LGA-4677) 5th Gen Intel® Xeon® / 4th Gen Intel® Xeon® Scalable processors Up to 52C/104T; Up to 300MB Cache |
| GPU | Max GPU Count: Up to 1 double-width or 2 single-width GPUs Supported GPU: NVIDIA PCIe: A2, L4, T400 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 bays <ul style="list-style-type: none"> • 10 front hot-swap 2.5" NVMe*/SAS*/SATA drive bays (*NVMe/SAS support may require additional storage controller and/or cables) M.2: 1 M.2 PCIe 3.0 x2 NVMe slot (M-key 2280/22110) |
| Expansion Slots | Default <ul style="list-style-type: none"> • 2 PCIe 5.0 x16 FHFL slots • 1 PCIe 5.0 x8 (in x16) LP slot |
| 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 ports 1 RJ45 1 GbE Dedicated BMC LAN port (IPMI shared on LAN port 1) USB: 2 USB 3.2 Gen1 Type-A ports(rear) 2 USB 2.0 Type-A ports(rear) 2 USB 3.2 Gen1 Type-A ports(front) 1 USB 2.0 Type-A port(Header) Video: 1 VGA port Serial: 1 COM port(Rear) 1 COM port(Header) TPM: 1 TPM header |

(Front View – System)



* NVMe or SAS3 support requires additional parts from the optional parts list

(Rear View – System)



System Cooling

Fans: Up to 5 middle cooling PWM 40x40x56mm Fan(s)
Up to 1 AOC cooling Fan(s) (optional)

Air Shroud: 1 Air Shroud

Power Supply

2x 860W Redundant (1 + 1) Titanium Level (96%) power supplies

System BIOS

BIOS Type: AMI 32MB SPI Flash EEPROM

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!

PC Health Monitoring

CPU: 8 Phase-switching voltage regulator
Monitors for CPU Cores, Chipset Voltages, Memory
FAN: Fans with tachometer monitoring
Pulse Width Modulated (PWM) fan connectors
Status monitor for speed control
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 to 35°C (50°F to 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](#)