UP SuperServer SYS-110P-WR

1U UP WIO server with 10 hot-swap 2.5" drive bays and 3 PCIe 4.0 slots

More details here

Key Applications

Virtualization, Cloud Computing, Enterprise Server, Data Center Optimized, Database Processing and Storage,

Key Features

- Single Socket P+ (LGA-4189) 3rd Gen Intel® Xeon® Scalable processors. Up to 270W TDP.;
- 8 DIMMs; Supports 3DS DDR4-3200: RDIMM/LRDIMM/Intel® Intel® DCPMM;
- 2 PCIe 4.0 x16 (FHFL) slots, 1 PCIe 4.0 x16 (LP) slot;
- Intel® Ethernet Controller i210 2x 1GbE RJ45;
- 10x hot-swap 2.5'' SATA3 drive bays with 4 hybrid NVMe/SATA drive bays, SAS3 with additional SAS controller card; Onboard 1x NVMe/SATA M.2;
- Redundant Platinum 750W Power Supply;

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	Single Socket P+ (LGA-4189) 3rd Gen Intel® Xeon® Scalable processors Up to 40C/80T; Up to 60MB Cache
GPU	Max GPU Count: Up to 1 single-width GPU Supported GPU: NVIDIA PCIe: T1000, A2
System Memory	Slot Count: 8 DIMM slots Max Memory (2DPC): Up to 2TB 3200MT/s ECC DDR4 RDIMM/LRDIMM Supports Intel® Optane™ persistent memory 200 series
Drive Bays Configuration	Default: Total 10 bays • 10 front hot-swap 2.5" SATA drive bays Option A: Total 10 bays • 6 front hot-swap 2.5" SATA drive bays • 4 front hot-swap 2.5" NVMe drive bays M.2: 1 M.2 PCIe 3.0 x4 NVMe/SATA slot (M-key 2280/22110)
Expansion Slots	Default • 2 PCIe 4.0 x16 FHFL slots • 1 PCIe 4.0 x16 LP slot
On-Board Devices	SATA: SATA (6Gbps) ; RAID 0/1/5/10 support NVMe: NVMe; RAID 0/1/5/10 support Chipset: System on Chip Network Connectivity: 2 RJ45 1GBASE-T with Intel® I210
Input / Output	LAN: 1 RJ45 1 GbE Dedicated BMC LAN port 2 RJ45 1 GbE LAN ports USB: 2 USB 2.0 ports(rear) 2 ports(front) 1 Type-A port 2 ports(header) 2 ports(rear) Video: 1 VGA 2 port DOM: 2 SuperDOM (Disk on Module) portswith built-in power

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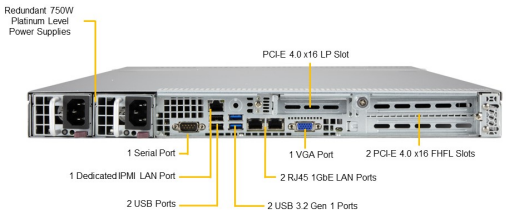
(Front View – System)

Drive Bay	Description
0 - 9	10x 2.5" Hot-swap SAS3*/SATA3 Drive Bays
0 - 3	4x Hot-swap NVMe** Hybrid SAS3*/SATA3 Drive Bays (Optional)

*SAS3/NVMe support requires additional parts from optional parts list
** NVMe trays optional

(Rear View – System)



System Cooling	Fans: Up to 5 counter-rotation PWM 40x40x56mm Fan(s) Up to 1 AOC cooling Fan(s) (optional) Air Shroud: 1 Air Shroud
Power Supply	2x 750W Redundant (1 + 1) Platinum Level (94%) 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: Monitors for CPU Cores, Chipset Voltages, Memory 7+1 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: 38 lbs (17.24 kg) Net Weight: 25 lbs (11.34 kg) Available Color: Black
Operating Environment	Operating Temperature: 10°C to 35°C (50°F to 95°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-F**
Chassis	**CSE-116TS-R706WBP4**

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