

Need a server ASAP? Discover our Gold Series (Quick Ship) solutions, with most systems shipping within 24 hours.

[Shop Now](#)

Supermicro 1U WIO SuperServer (SYS-112B-WR)

- **Key Features/Applications:** Networking Appliance, General Purpose Computing, Web Server, Firewall Application, Data Center Optimized, Entry-Level System for SOHO and SMB, Entry GPU Server
- **CPU:** Single Intel® Xeon® 6700/6500 Series Processor
- **Chassis:** 2U / 1 Node
- **Drive:** 8 3.5" Hot-Swap SATA/NVMe/SAS Drive Bays (4x NVMe Hybrid)
- **RAM:** 8 DDR5 DIMM Slots
- **Network Ports:** 2 1GbE LAN Ports
- **Ships Within 3-5 Business Days**

IN STOCK



Up to 10 Hot-swap 2.5" PCIe 5.0 NVMe/SAS3/SATA3 Drive Bays



*Actual product may vary slightly from photo shown

Product SKUs

SuperServer SYS-112B-WR

Processor

CPU	- Single Socket E2 (LGA-4710) Intel® Xeon® 6700/6500 series processors with P-cores or 6700 series processors with E-cores
-----	--

Core Count	- P-cores: Up to 86C/172T; Up to 336MB Cache - E-cores: Up to 144C/144T; Up to 108MB Cache
------------	--

Note	Supports up to 350W TDP CPUs (Air Cooled)
------	---

System Memory

Memory	- Slot Count: 8 DIMM slots/8 Channels - Max Memory (1DPC): Up to 2TB 6400MT/s ECC DDR5 RDIMM
--------	--

Memory Voltage	1.1V
----------------	--

On-Board Devices

SATA	SATA (6Gbps)
------	--

NVMe	NVMe; RAID 0/1/5/10 support(Intel® VROC RAID key required)
------	--

Chipset	System on Chip
---------	--

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 3.2 Gen1 Type-A ports(front)
-----	--

Video	1 VGA port
-------	--

Serial	1 COM port(Rear) 1 COM port(Header)
--------	---

TPM	1 TPM header
-----	--

System BIOS

BIOS Type	AMI 64MB SPI Flash EEPROM
-----------	---

Management

Software	SuperCloud Composer® Supermicro Server Manager (SSM) Super Diagnostics Offline (SDO) Supermicro Thin-Agent Service (TAS) SuperServer Automation Assistant (SAA) New!
----------	--

Power configurations	ACPI/APM Power Management
----------------------	---

Health Monitoring

Chassis

Form Factor	1U
-------------	--

Model	CSE-116BTS-R000WNP
-------	--

Dimensions and Weight

Height	1.7" (43 mm)
--------	--

Width	17.2" (437 mm)
-------	--

Depth	23.5" (597 mm)
-------	--

Package	7.75" (H) x 23.5" (W) x 31.5" (D)
---------	---

Weight	- Gross Weight: 33.5 lbs (15.2 kg) - Net Weight: 21 lbs (9.53 kg)
--------	---

Available Color	Black
-----------------	---

Front Panel

LED	- Fan Fail/System Over Heat LED - HDD activity LED - Network Activity LEDs - Power status LED
-----	---

Buttons	- Power On/Off button - Unit Identification (UID) button
---------	--

Drive Bays / Storage

Drive Bays Configuration	- Default: Total 8 bays 8 front hot-swap 2.5" SAS*/SATA drive bays - Option A: Total 10 bays 2 front hot-swap 2.5" PCIe 5.0 x4 NVMe* drive bays 8 front hot-swap 2.5" SAS*/SATA drive bays - Option B: Total 10 bays 4 front hot-swap 2.5" PCIe 5.0 x4 NVMe* drive bays 6 front hot-swap 2.5" SAS*/SATA drive bays - Option C: Total 10 bays 8 front hot-swap 2.5" PCIe 5.0 x4 NVMe* drive bays 2 front hot-swap 2.5" SAS*/SATA drive bays - Option D: Total 10 bays 10 front hot-swap 2.5" SAS* drive bays (*NVMe/SAS support may require additional storage controller and/or cables, please see the optional parts list for details)
--------------------------	--

M.2	2 M.2 PCIe 5.0 x2 NVMe slots (M-key 2280/22110; VROC required for RAID)
-----	---

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

System Cooling	
Fans	1 AOC cooling Fan(s) (optional) 5 middle cooling PWM 40x40x56mm Fan(s)
Air Shroud	1 CPU Air Shroud
Power Supply QtyWithPsu	2x 860W
Description	2x 860W Redundant (1 + 1) Titanium Level (96%) power supplies
Dimension (WxHxL)	54.5 x 40.25 x 322 mm
Input	800W: 100-127Vac / 50-60Hz 860W: 200-240Vac / 50-60Hz 860W: 240Vdc / 50-60Hz
+12V	- Max: 66.67A / Min: 0A (100Vac-127Vac) - Max: 71.67A / Min: 0A (200Vac-240Vac) - Max: 71.67A / Min: 0A (Vdc-240Vdc)
5V SB	Max: 4A / Min: 0A
Output Type	Backplanes (gold finger)
Operating Environment	
Environmental Spec.	- 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)

[Resources](#)

[Prop 65 Warning](#)