

# WIO A+ Server AS -1115SV-WTNRT

1U UP WIO with 10 hot-swap 2.5" NVMe/SAS/SATA (6 NVMe hybrid) bays and 3 PCIe 5.0 x16 slots



More details here

## Key Applications

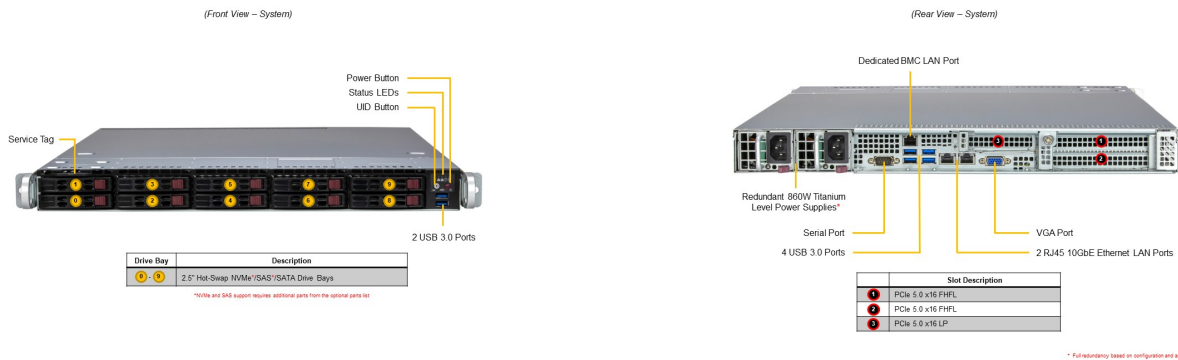
Virtualization, Data Center Optimized, Firewall Applications, Database/Storage, Edge/Cloud Computing Services,

## Key Features

- Single Socket AMD EPYC™ 8004 Series Processor;
- 6 DIMM slots, DDR5-4800MHz memory, support up to 576GB;
- 2 PCIe 5.0 x16 FHFL; 1 PCIe 5.0 x16 LP;
- Single dedicated IPMI LAN, dual 10GbE BaseT LAN ports via Broadcom BCM57416 Controller;
- 10 Hot-swap 2.5" SATA(default)/NVMe/SAS drive bays or 6 SATA/NVMe hybrid + 4 SATA drive bays (optional cables or SAS controller card for NVMe and SAS drive bays);



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|--------------------------|--|
| Form Factor              | 1U Rackmount<br>Enclosure: 437 x 43 x 597mm (17.2" x 1.7" x 23.5")<br>Package: 597 x 197 x 800mm (23.5" x 7.75" x 31.5")   |
| Processor                | Single processor(s)<br>AMD EPYC™ 8004 Series Processor<br>Up to 64C/128T   |
| GPU                      | Max GPU Count: Up to 1 double-width or 2 single-width GPUs<br>Supported GPU: NVIDIA PCIe: L40, L4, A2  |
| System Memory            | Slot Count: 6 DIMM slots<br>Max Memory (1DPC): Up to 576GB 4800MT/s ECC DDR5 RDIMM   |
| Drive Bays Configuration | Default: Total 10 bays <ul style="list-style-type: none"> <li>• 10 front hot-swap 2.5" NVMe*/SAS*/SATA drive bays</li> </ul> (*NVMe/SAS support may require additional storage controller and/or cables)<br>M.2: 2 M.2 PCIe 4.0 x4 NVMe slots (M-key 2280/22110) |
| Expansion Slots          | PCI-Express (PCIe) Configuration: Default <ul style="list-style-type: none"> <li>• 2 PCIe 5.0 x16 FHFL slots</li> <li>• 1 PCIe 5.0 x16 LP slot</li> </ul> M.2: 2 M.2 PCIe 3.0 x4 NVMe slots (M-key)  |
| On-Board Devices         | Chipset: System on Chip<br>Network Connectivity: 2 RJ45 10GBASE-T with Broadcom® BCM57416  |
| Input / Output           | LAN: 1 RJ45 1 GbE Dedicated BMC LAN port<br>2 RJ45 10 GBASE-T LAN ports<br>USB: 2 ports(front)<br>4 ports(rear)<br>Video: 1 VGA port<br>Serial: 1 COM port(Rear)<br>TPM: 1 TPM Onboard/port 80   |



|                       |   |
|-----------------------|---|
| System Cooling        | Fans: 6 Heavy duty counter-rotating 40x40x56mm Fan(s)   |
| Power Supply          | 2x 860W Redundant Titanium Level (96%) power supplies   |
| System BIOS           | BIOS Type: AMI 32MB SPI Flash EEPROM<br>BIOS Features: ACPI 6.4<br>Plug and Play (PnP)<br>SMBIOS 3.5 or later<br>UEFI 2.8<br>USB Keyboard support   |
| 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  | FAN: Fans with tachometer monitoring<br>Status monitor for speed control<br>Pulse Width Modulated (PWM) fan connectors<br>Temperature: Monitoring for CPU and chassis environment<br>Thermal Control for fan connectors                   |
| Dimensions and Weight | Weight: Gross Weight: 33.5 lbs (15.2 kg)<br>Net Weight: 21 lbs (9.53 kg)<br>Available Color: Black  |
| Operating Environment | Operating Temperature: 10°C ~ 35°C (50°F ~ 95°F)<br>Non-operating Temperature: -30°C to 60°C (-22°F to 140°F)<br>Operating Relative Humidity: 8% to 80% (non-condensing)<br>Non-operating Relative Humidity: 8% to 90% (non-condensing)   |
| Motherboard           | <a href="#">Super H13SVW-NT</a>   |
| Chassis               | <b>CSE-116BTS-R000WNP</b>   |