

# WIO A+ Server AS -1015SV-WTNRT



More details here

## Key Applications

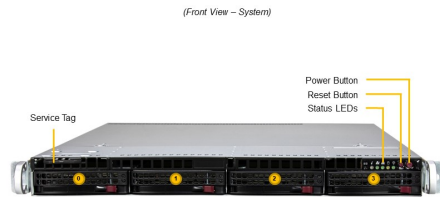
Virtualization, Data Center Optimized, Firewall Applications, Database/Storage, Edge/Cloud Computing Services,

## 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;
- 1x dedicated IPMI LAN, 2x 10GbE BaseT LAN ports via Broadcom BCM57416 Controller;
- 4 hot-swap 3.5" drive bays support SATA(default)/NVMe/SAS drives;(Optional cables or SAS controller card for NVMe and SAS drives support);
- Dual 860W Redundant Titanium Level Power Supplies;(Full redundancy based on configuration and application load);
- 2 On-board PCIe 3.0 x4 M.2 NVMe 80mm/110mm (Boot);

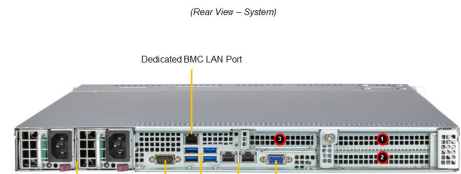


Form Factor	1U Rackmount Enclosure: 437 x 43 x 650mm (17.2" x 1.7" x 25.6") Package: 597 x 216 x 856mm (23.5" x 8.5" x 33.7")
Processor	Single Socket AMD EPYC™ 8004 Series Processor Up to 64C/128T
GPU	Max GPU Count: Up to 1 double-width or 2 single-width GPU(s)
System Memory	Slot Count: 6 DIMM slots Max Memory (1DPC): Up to 576GB 4800MT/s ECC DDR5 RDIMM
Drive Bays	4x 3.5" hot-swap SATA/SAS/NVMe drive bays PCIe 3.0 x4 M-key, 2280, 22110
Expansion Slots	2 PCIe 5.0 x16 FHFL slot(s) 1 PCIe 5.0 x16 LP slot(s)
On-Board Devices	NVMe: NVMe (optional) SATA: SATA (6Gbps) Chipset: System on Chip Network Connectivity: 2x 10Gb BaseT with Broadcom BCM57416 IPMI: Support for Intelligent Platform Management Interface v.2.0 IPMI 2.0 with virtual media over LAN and KVM-over-LAN support
Input / Output	LAN: 2 RJ45 10 GbE LAN ports 1 RJ45 Dedicated IPMI LAN port USB: 4 USB port(s) (4 rear) Video: 1 VGA port(s) Serial Port: 1 COM Port(s) (1 rear)



Drive Bay	Description
0-3	3.5" Hot-Swap SATA/NVMe/SAS* Drive Bays

\*NVMe and SAS support requires additional parts from the optional parts list



Slot	Slot Description
1	PCIe 5.0 x16 FH/FL
2	PCIe 5.0 x16 FH/FL
3	PCIe 5.0 x16 LP

\* Full redundancy based on configuration and application load

System Cooling	Fans: 6 Heavy duty counter-rotating 40x40x56mm Fan(s)
Power Supply	2x 860W Redundant Titanium Level power supplies
System BIOS	<p>BIOS Type: AMI 32MB SPI Flash EEPROM</p> <p>BIOS Features: ACPI 6.4</p> <p>SMBIOS 3.5 or later</p> <p>UEFI 2.8</p> <p>Plug and Play (PnP)</p> <p>USB Keyboard support</p>
Management	Redfish API; Supermicro Server Manager (SSM); Supermicro Update Manager (SUM); SuperDoctor® 5; Super Diagnostics Offline ; KVM with dedicated LAN ; IPMI 2.0
PC Health Monitoring	<p>FAN: Fans with tachometer monitoring</p> <p>Status monitor for speed control</p> <p>Pulse Width Modulated (PWM) fan connectors</p> <p>Temperature: Monitoring for CPU and chassis environment</p> <p>Thermal Control for fan connectors</p>
Dimensions and Weight	<p>Height: 1.7" (43 mm)</p> <p>Width: 17.2" (437 mm)</p> <p>Depth: 25.6" (650 mm)</p> <p>Gross Weight: 34.5 lbs (15.46 kg)</p> <p>Net Weight: 21.5 lbs (9.75 kg)</p> <p>Packaging: 8.5" (H) x 23.5" (W) x 33.7" (D)</p> <p>Available Color: Black</p>
Operating Environment	<p>Operating Temperature: 10°C ~ 35°C (50°F ~ 95°F)</p> <p>Non-operating Temperature: -30°C to 60°C (-22°F to 140°F)</p> <p>Operating Relative Humidity: 8% to 80% (non-condensing)</p> <p>Non-operating Relative Humidity: 8% to 90% (non-condensing)</p>
Motherboard	<a href="#">Super H13SVW-NT</a>
Chassis	CSE-815BTS-R000WNP