

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;
- 1x dedicated IPMI LAN, 2x 10GbE BaseT LAN ports via Broadcom BCM57416 Controller;
- 10 hot-swap 2.5" drive bays support SATA(default)/NVMe/SAS drives or ;6 SATA/NVMe Hybrid with 4 SATA 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 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 processor(s) AMD EPYC™ 8004 Series Processor Up to 64C/128T
GPU	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 Configuration	Default: Total 10 bay(s) • 10 front hot-swap 2.5" NVMe*/SAS*/SATA drive bay(s) (*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 3.0 x4 NVMe slot(s) (M-key 2280/22110)
Expansion Slots	PCI-Express (PCIe) Configuration: Default • 2 PCIe 5.0 x16 FHFL slot(s) • 1 PCIe 5.0 x16 LP slot(s) M.2: 2 M.2 PCIe 3.0 x4 NVMe slot(s) (M-key)
On-Board Devices	Chipset: System on Chip Network Connectivity: 2 RJ45 10GBASE-T 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: 1 RJ45 1 GbE Dedicated IPMI LAN port(s) 2 RJ45 10 GBASE-T LAN port(s) USB: 2 port(s) (front) 4 port(s) (rear) Video: 1 VGA port(s) Serial: 1 COM port(s) (Rear) TPM: 1 TPM Onboard/port 80



System Cooling	Fans: 6 Heavy duty counter-rotating 40x40x56mm Fan(s)
Power Supply	2x 860W Redundant Titanium Level power supplies
System BIOS	BIOS Type: AMI 32MB SPI Flash EEPROM BIOS Features: ACPI 6.4 SMBIOS 3.5 or later UEFI 2.8 Plug and Play (PnP) USB Keyboard support
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	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: 33.5 lbs (15.2 kg) Net Weight: 21 lbs (9.53 kg) Available Color: Black
Operating Environment	Operating Temperature: 10°C ~ 35°C (50°F ~ 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 H13SVW-NT
Chassis	CSE-116BTS-R000WNP