WIO A+ Server AS -1015SV-WTNRT



Key Applications

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

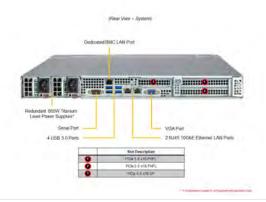
Key Features

- Single Socket AMD EPYC™ 8004 Series Processor;
- 6 DIMM slots, DDR5-4800MHz memory, support up to 576GB;
- 2 PCle 5.0 x16 FHFL; 1 PCle 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 PCle 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
System Memory	Memory Capacity: 6 DIMM slots
	Up to 576GB: 6x 96 GB DRAM and 6ECC Registered RDIMM, DDR5-4800MHz
	Memory Type: 4800MHz 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 PCle 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
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)





System Cooling	Fans: 6 Heavy duty counter-rotating 40x40x56mm Fan(s)
Power Supply	2x 860W 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
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	Height: 1.7" (43 mm)
	Width: 17.2" (437 mm)
	Depth: 25.6" (650 mm)
	Gross Weight: 34.5 lbs (15.46 kg)
	Net Weight: 21.5 lbs (9.75 kg)
	Packaging: 8.5" (H) x 23.5" (W) x 33.7" (D)
	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-815BTS-R000WNP