

# WIO A+ Server AS -1114S-WN10RT

1U WIO with 10 hot-swap U.2 NVMe/SATA bays and 3 PCIe 4.0 slots

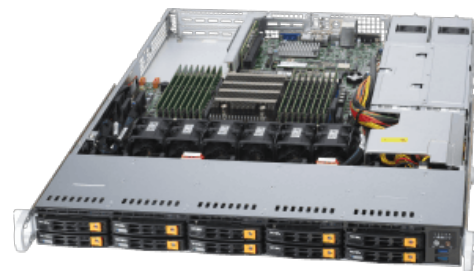


## Key Applications

Virtualization, Cloud Computing, All Flash Storage,

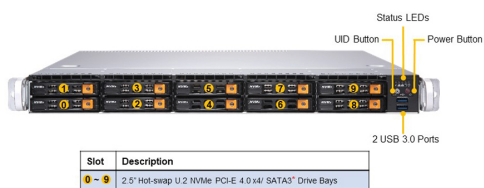
## Key Features

- 2x 10GBase-T LAN ports via Broadcom BCM57416 Controller;
- Single AMD EPYC™ 7003/7002 Series Processor  
(The latest AMD EPYC™ 7003 Series Processor with AMD 3D V-Cache™ Technology requires BIOS version 2.3 or newer) 2.16 DIMMs; up to 4TB 3DS ECC;
- 16 DIMMs; up to 4TB 3DS ECC  
DDR4-3200MHz RDIMM/LRDIMM;
- 2 PCIe 4.0 x16 (FHHL) slots  
1 PCIe 4.0 x16 (LP) slot;
- 10 Hot-swap U.2 NVMe4/NVMe3/SATA3 fully hybrid drive support;



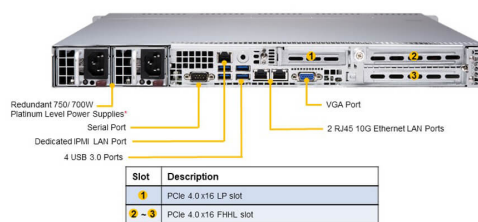
Form Factor	1U Rackmount
Processor	Single Socket SP3 AMD EPYC™ 7002/7003 Series Processors Up to 64C/128T
System Memory	Slot Count: 16 DIMM slots Max Memory (2DPC): Up to 4TB 3200MT/s ECC DDR4 RDIMM/LRDIMM
Expansion Slots	Default <ul style="list-style-type: none"> <li>• 2 PCIe 4.0 x16 FHHL slot(s)</li> <li>• 1 PCIe 4.0 x16 LP slot(s)</li> </ul>
On-Board Devices	SATA: SATA (6Gbps) Chipset: AMD System on Chip Network Connectivity: 1 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 USB 3.0 port(s) (front) 4 USB 3.0 port(s) (rear) 1 USB 3.0 port(s) (Rear) Video: 1 VGA port(s) DOM: 2 Super <a href="#">DOM</a> (Disk on Module) port(s)

(Front View – System)



<sup>1</sup>SATA3 support requires additional parts in optional parts list.

(Rear View – System)



<sup>1</sup>Full redundancy based on configuration and application load.

System Cooling	Fans: 6 heavy duty fans with optimal fan speed control
Power Supply	1x 750W Redundant power supply
System BIOS	BIOS Type: AMI 256MB SPI Flash ROM
Management	Supermicro Update Manager (SUM); Supermicro SuperDoctor <sup>®</sup> 5 (SD5); KVM with dedicated LAN ; IPMI 2.0; Watch Dog
PC Health Monitoring	CPU: Monitors for CPU Cores, Chipset Voltages, Memory 4+1 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
Dimensions and Weight	Weight: Gross Weight: 39 lbs (17.69 kg) Net Weight: 25 lbs (11.34 kg) Available Color: N/A
Operating Environment	RoHS Compliant Operating Temperature: 10°C ~ 35°C (50°F ~ 95°F) Non-operating Temperature: -40°C to 60°C (-40°F to 140°F) Operating Relative Humidity: 8% to 90% (Non-Condensing) Non-operating Relative Humidity: 5% to 95% (Non-Condensing)
Motherboard	<a href="#">Super H12SSW-NTR</a>
Chassis	<b>CSE-116TS-R706WBP5-N10</b>