

# WIO A+ Server AS -1114S-WN10RT

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



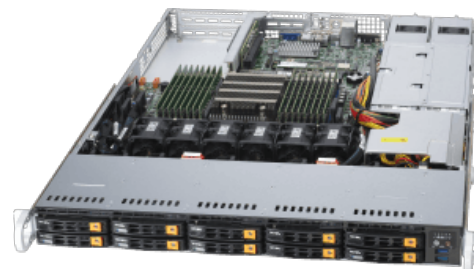
More details here

## Key Applications

Virtualization, Cloud Computing, All Flash Storage,

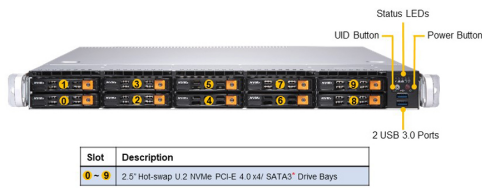
## Key Features

- 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;
- 2x10GBase-T LAN ports via Broadcom BCM57416 Controller;
- 10 Hot-swap 2.5" NVMe/SATA fully hybrid drive support (optional parts for SAS drive support);



|                          |  |
|--------------------------|--|
| Form Factor              | 1U Rackmount<br>Enclosure: 437 x 43 x 597mm (17.2" x 1.7" x 23.5")<br>Package: 610 x 203 x 813mm (24" x 8" x 32")  |
| Processor                | Single Socket SP3<br>AMD EPYC™ 7002/7003 Series Processors<br>Up to 64C/128T   |
| System Memory            | Slot Count: 16 DIMM slots<br>Max Memory (2DPC): Up to 4TB 3200MT/s ECC DDR4 RDIMM/LRDIMM   |
| Drive Bays Configuration | Default: Total 10 bays<br><ul style="list-style-type: none"> <li>• 10 front hot-swap 2.5" NVMe/SATA drive bays</li> </ul>  |
| Expansion Slots          | PCI-Express (PCIe) Configuration: Default<br><ul style="list-style-type: none"> <li>• 2 PCIe 4.0 x16 FHHL slots</li> <li>• 1 PCIe 4.0 x16 LP slot</li> </ul> M.2: 2 M.2 PCIe 4.0 x2 NVMe slots (M-key 2280/22110)          |
| On-Board Devices         | SATA: SATA (6Gbps)<br>Network Connectivity: 2 RJ45 10GBASE-T with Broadcom® BCM57416<br>IPMI: Support for Intelligent Platform Management Interface v.2.0<br>IPMI 2.0 with virtual media over LAN and KVM-over-LAN support |
| Input / Output           | LAN: 1 RJ45 1 GbE Dedicated BMC LAN port<br>2 RJ45 10 GBASE-T LAN ports<br>USB: 2 USB 3.0 ports(front)<br>4 USB 3.0 ports(rear)<br>1 USB 3.0 port(Rear)<br>Video: 1 VGA port<br>DOM: 2 SuperDOM (Disk on Module) ports     |

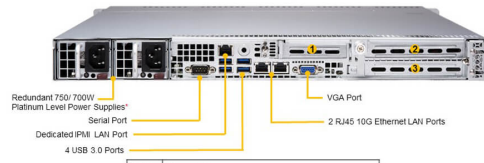
(Front View – System)



| Slot  | Description   |
|-------|---|
| 0 - 9 | 2.5" Hot-swap U.2 NVMe PCIe 4.0 x4/ SATA3 <sup>*</sup> Drive Bays |

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

(Rear View – System)



| Slot  | Description            |
|-------|------------------------|
| 1     | PCIe 4.0 x16 LP slot   |
| 2 - 3 | PCIe 4.0 x16 FHHL slot |

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

|                       |   |
|-----------------------|---|
| System Cooling        | Fans: Up to 6 heavy duty fans with optimal fan speed control  |
| Power Supply          | 2x 750W Redundant (1 + 1) Platinum Level (94%) power supplies   |
| 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: 4+1 Phase-switching voltage regulator<br>Monitors for CPU Cores, Chipset Voltages, Memory<br>FAN: Fans with tachometer monitoring<br>Pulse Width Modulated (PWM) fan connectors<br>Status monitor for speed control<br>Temperature: Monitoring for CPU and chassis environment<br>Thermal Control for fan connectors |
| Dimensions and Weight | Weight: Gross Weight: 39 lbs (17.69 kg)<br>Net Weight: 25 lbs (11.34 kg)<br>Available Color: Black  |
| Operating Environment | RoHS Compliant<br>Operating Temperature: 10°C to 35°C (50°F to 95°F)<br>Non-operating Temperature: -40°C to 60°C (-40°F to 140°F)<br>Operating Relative Humidity: 8% to 90% (Non-Condensing)<br>Non-operating Relative Humidity: 5% to 95% (Non-Condensing)   |
| Motherboard           | <a href="#">Super H12SSW-NTR</a>  |
| Chassis               | <b>CSE-116TS-R706WBP5-N10</b>   |