

# IoT A+ Server AS -1115S-FWTRT

1U Short-depth front I/O system with AMD EPYC™ 8004 Series processor, 2x 10G ports, 2x 2.5" drive bays and AC redundant PSU



## Key Applications

Virtualization, Firewall Applications, Edge/Cloud Computing Services, CDN/vCDN/Cloud CDN, 5G/Telco/NEBS environment, vRAN/o-RAN,

## Key Features

- AMD EPYC™ 8004 Series Processor;
- 6 DIMM slots, DDR5-4800MHz memory, support up to 768GB;
- 1x dedicated IPMI LAN, 2x 10GbE BaseT LAN ports via Broadcom BCM57416 Controller;
- 800W Redundant Platinum AC Power Supplies;



Form Factor	1U Rackmount Enclosure: 436.88 x 44.5 x 429.3mm (17.2" x 1.7" x 16.9") Package: 685 x 203 x 609mm (27" x 8" x 24")
Processor	Single processor(s) AMD EPYC™ 8004 Series Processor Up to 64C/128T
GPU	Max GPU Count: Up to 1 single-width GPU Supported GPU: NVIDIA PCIe: L4, A2 CPU-GPU Interconnect: PCIe 5.0 x16 CPU-to-GPU Interconnect
System Memory	Slot Count: 6 DIMM slots Max Memory (2DPC): Up to 768GB 4800MT/s ECC DDR5 RDIMM
Drive Bays Configuration	Default: Total 2 bays <ul style="list-style-type: none"> <li>• 2 internal fixed 2.5" NVMe/SAS/SATA drive bays</li> </ul> M.2: 2 M.2 PCIe 3.0 x4 NVMe slots (M-key 2280/22110)
Expansion Slots	Default <ul style="list-style-type: none"> <li>• 2 PCIe 5.0 x16 FHFL slots</li> <li>• 1 PCIe 5.0 x16 LP slot</li> </ul>
On-Board Devices	SATA: SATA (6Gbps) NVMe: NVMe; (Optional) Chipset: System on Chip Network Connectivity: 2 RJ45 10GBASE-T with Broadcom® BCM57416
Input / Output	LAN: 1 RJ45 1 GbE Dedicated BMC LAN port 2 RJ45 10 GbE LAN ports USB: 4 ports Video: 1 VGA port TPM: 1 TPM header



System Cooling	Fans: 6 Heavy duty counter-rotating 4cm Fan(s) Air Shroud: 1 Air Shroud
Power Supply	2x 800W Redundant Platinum Level (94%) power supplies
System BIOS	BIOS Type: AMI 32MB SPI Flash EEPROM BIOS Features: ACPI 6.4 Plug and Play (PnP) SMBIOS 3.5 or later UEFI 2.8 USB Keyboard support
Management	SuperCloud Composer®; Supermicro Server Manager (SSM); Supermicro Update Manager (SUM); Supermicro SuperDoctor® 5 (SD5); Super Diagnostics Offline (SDO); Supermicro Thin-Agent Service (TAS); SuperServer Automation Assistant (SAA) New!
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 Voltage: System temperature, Memory temperature, CPU temperature, 3.3V standby, +5V standby, +5V, +3.3V, +12V, CPU thermal trip support CPU: Monitors for CPU thermal trip, Chipset Voltages, Memory
Dimensions and Weight	Weight: Gross Weight: 15 lbs (6.8 kg) Net Weight: 10 lbs (4.54 kg) Available Color: Silver
Operating Environment	Operating Temperature: 0°C to 40°C (32°F to 104°F) Non-operating Temperature: -40°C to 70°C (-40°F to 158°F) Operating Relative Humidity: 8% to 90% (non-condensing) Non-operating Relative Humidity: 5% to 95% (non-condensing)
Motherboard	<a href="#">Super H13SVW-NT</a>
Chassis	<b>CSE-515B-R000WNP</b>

Parts List

Standard Parts (Parts Included)

Motherboard / Chassis		
Part Number	MBD-H13SVW-NT	CSE-515B-R000WNP
Qty	1	1
Description	Super H13SVW-NT Motherboard	1U Chassis
Cable		
Part Number	CBL-0082L	
Qty	1	
Description	Y SPLIT SATA POWER ADAPTER, PB FREE	
Fan		
Part Number	FAN-0167L4	
Qty	2	
Description	40x40x56 mm, 20.5K-17.6K RPM, Counter-rotating Fan for SC947 SBB and 1U Twin Pro Series Servers	
Riser Card		
Part Number	RSC-W-66G5	RSC-WR-6G5H
Qty	1	1
Description	1U LHS WIO Riser card with two PCIe 5.0 X16 slots,HF,R	1U RHS WIO Riser card with one PCIe 5.0 X16 slot,HF,RoHS
Software		
Part Number	SFT-OOB-LIC	
Qty	1	
Description	License key for enabling OOB BIOS management	
Heatsink / Retention		
Part Number	SNK-P0062P-1	
Qty	1	
Description	1U Passive CPU Heat Sink for AMD Socket SP6 Processors	
*Power Supply		
Part Number	PWS-804S-1R	
Qty	2	
Description	800W 100-240Vac input, Platinum, base module PWS-804P-1R	
*Power Distributor		
Part Number	PDB-PT514-2824	
Qty	1	
Description	1U redundant power distributor board for SC514, SC113 etc., (rename from PDB-PT514-1824),RoHS/REACH	

Notes:

- 1. Parts with \* are inside the chassis
- 2. Excessive parts might not be shipped, including but not limited to excessive drive trays, fans, riser brackets, air shrouds, IO shields, cables.....etc.

Certain products may not be available in your region

Gold Series SKUs (/de/products/gold-series)