

# 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,

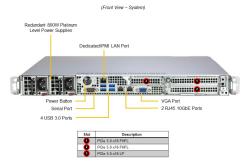
# **Key Features**

- 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
	• 2 internal fixed 2.5" NVMe/SAS/SATA drive bays
	M.2: 2 M.2 PCIe 3.0 x4 NVMe slots (M-key 2280/22110)
Expansion Slots	Default
	• 2 PCIe 5.0 x16 FHFL slots
	• 1 PCle 5.0 x16 LP slot
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





(Rear View - System)



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	Super H13SVW-NT
Chassis	CSE-515B-R000WNP

#### **Parts List**

## Standard Parts (Parts Included)

Motherboard / Chassis

Part Number MBD-H13SVW-NT CSE-515B-R000WNP

Qty 1 1

Description Super H13SVW-NT 1U Chassis

Motherboard

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

Qty 1 1

Description 1U LHS WIO Riser card with two 1U RHS WIO Riser card with

PCIe 5.0 X16 slots,HF,R one PCIe 5.0 X16 slot,HF,RoHS

RSC-WR-6G5H

Software

Part Number SFT-OOB-LIC

Qty

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

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)