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

More details here

Key Applications

Virtualization, Firewall Applications, Edge/Cloud Computing Services, CDN/vCDN/Cloud CDN, 5G Networking, VRAN/ORAN for Telecom,

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 2 single-width GPUs Supported GPU: NVIDIA PCIe: A2, L4
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 PCIe 5.0 x16 LP slot
On-Board Devices	SATA: SATA (6Gbps) NVMe: NVMe; (Optional) 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

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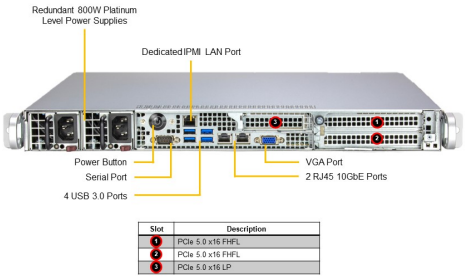
(Front View – System)



Slot	Description
1	PCIe 5.0 x16 FHFL
2	PCIe 5.0 x16 FHFL
3	PCIe 5.0 x16 LP

(Rear View – System)

System Cooling	Fans: Up to 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	CPU: Monitors for CPU thermal trip, Chipset Voltages, Memory FAN: Fans with tachometer monitoring Pulse Width Modulated (PWM) fan connectors Status monitor for speed control 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
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**

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