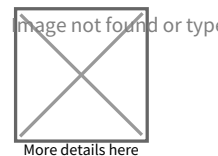


# Mainstream A+ Server AS -2015A-TR



## Key Applications

Designed for financial companies, AMD Xilinx Solarflare X2 and X3 Ethernet adapters validated,

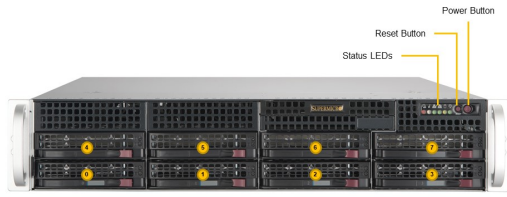
## Key Features

- AMD Ryzen™ 7000 Series LGA1718 up to 170W TDP Processors;
- 4x DDR5 UDIMM Slots, ECC/Non-ECC DDR5-5200 Up to total 128GB;
- 2x PCIe 5.0 x16 (FHHL) slots (16/NA or 8/8);
- IPMI 2.0 + KVM with Dedicated LAN (1GbE)  
2x 1GbE LAN (Intel® I210-AT);
- 800W High-Efficiency Power Supply Titanium Level Certified;



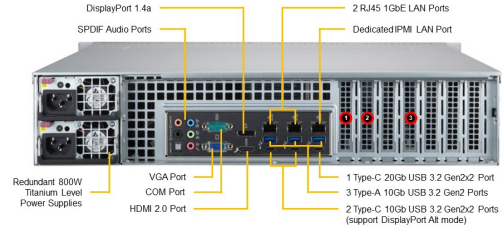
Form Factor	2U Rackmount Enclosure: 437 x 89 x 647mm (17.2" x 3.5" x 25.5") Package: 678 x 290 x 876mm (26.7" x 11.4" x 34.5")
Processor	Single processor(s) Up to 16C/32T
GPU	Up to 2 double-width GPU(s)
System Memory	Slot Count: 4 DIMM slots Max Memory (2DPC): Up to 128GB 5200MT/s ECC DDR5 UDIMM
Drive Bays Configuration	Default: Total 8 bay(s) • 8 front hot-swap 3.5" SAS/SATA drive bay(s) M.2: 2 M.2 PCIe 5.0 x4 NVMe slot(s) (M-key 2280/22110)
Expansion Slots	Default • 1 PCIe 4.0 x4 LP slot(s) • 2 PCIe 5.0 x16 LP slot(s)
On-Board Devices	SATA: SATA (6Gbps) Chipset: AMD B650 Network Connectivity: 1 RJ45 1GbE with Realtek RTL8211F PHY (dedicated IPMI) 2 RJ45 1GbE with Intel® I210-AT 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) USB: 3 Type-A port(s) (Rear) 2 Type-C port(s) (Rear) 1 Type-C port(s) (Rear) Video: 1 VGA port(s) 1 HDMI 2.0 port(s) 1 DisplayPort 1.4 port(s) Audio: Rear Audio TPM: 1 TPM header

(Front View – System)



Drive Bay	Description
1 - 8	8 Hot-swap 3.5" SAS/SATA Drive Bays

(Rear View – System)



Slot	Slot Description
1	PCIe 4.0 x4
2	PCIe 5.0 x16

System Cooling	Fans: 3x 80mm Fan(s)
Power Supply	800W Redundant Titanium Level power supplies
System BIOS	BIOS Type: AMI 32MB SPI Flash
Management	Redfish API; Supermicro Server Manager (SSM); Supermicro Update Manager (SUM); SuperDoctor® 5; Super Diagnostics Offline ; KVM with dedicated LAN ; IPMI 2.0
PC Health Monitoring	<p>FAN: Status monitor for speed control</p> <p>Voltage: +1.0V PCH, +1.8V PCH, +12V, +3.3V, +5V, +5V standby, 1.05 (PCH), 3.3V standby, 5 (4-pin), CPU, CPU temperature, CPU thermal trip support, PCH temperature, System temperature, VBAT, VRM</p> <p>Other Features: 8-pin 12v DC power connector, ACPI power management, ATX Power connector, Chassis intrusion header, Control of power-on for recovery from AC power loss, CPU thermal trip support for processor</p> <p>Temperature: CPU thermal trip support, Monitoring for CPU and chassis environment, PECI</p>
Dimensions and Weight	<p>Weight: Gross Weight: 52 lbs (23.59 kg)</p> <p>Net Weight: 37 lbs (16.78 kg)</p> <p>Available Color: Black</p>
Operating Environment	<p>Operating Temperature: 10°C ~ 35°C (50°F ~ 95°F)</p> <p>Non-operating Temperature: -40°C to 60°C (-40°F to 140°F)</p> <p>Operating Relative Humidity: 8% to 90% (non-condensing)</p> <p>Non-operating Relative Humidity: 5% to 95% (non-condensing)</p>
Motherboard	<a href="#"><u>Super H13SAE-MF</u></a>
Chassis	<a href="#"><u>CSE-825TQC-R802LPB</u></a>