



# Mainstream A+ Server AS -2015A-TR

2U UP Mainstream with up to 8 hot-swap 3.5" SAS/SATA bays, 2 PCIe 5.0 x16 slots (can be configured as 16/NA or 8/8) and 1 PCIe 4.0 x4 slot

## Key Applications

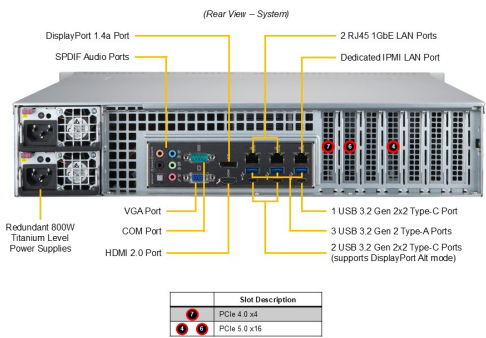
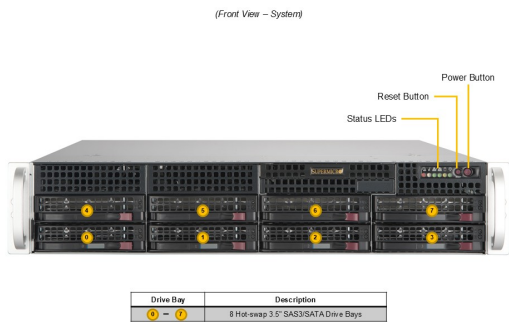
Designed for financial companies, AMD Xilinx Solarflare X2 and X3 Ethernet adapters validated,

## Key Features

- AMD EPYC™ 4004 / 4005 or Ryzen™ 7000 / 9000 series LGA1718 up to 170W TDP Processors;
- 4 DDR5-5200 UDIMM ECC/Non-ECC slots supporting up to 192GB memory;
- 2 PCIe 5.0 x16 HHHL slots (16/NA or 8/8);
- IPMI 2.0 + KVM with Dedicated LAN (1GbE)  
Dual 1GbE LAN (Intel® I210-AT);
- 800W High-Efficiency Power Supply Titanium Level Certified;



Form Factor	2U 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) AMD EPYC™ 4004 / 4005 or AMD Ryzen™ 7000 / 9000 Series Processors Up to 16C/32T
GPU	Max GPU Count: Up to 1 double-width or 2 single-width GPUs Supported GPU: NVIDIA PCIe: L4, RTX A2000 CPU-GPU Interconnect: PCIe 5.0 x16 CPU-to-GPU Interconnect
System Memory	Slot Count: 4 DIMM slots Max Memory (2DPC): Up to 192GB 5200MT/s ECC/non-ECC DDR5 UDIMM
Drive Bays Configuration	Default: Total 8 bays <ul style="list-style-type: none"> <li>• 8 front hot-swap 3.5" SAS/SATA drive bays</li> </ul> M.2: 2 M.2 PCIe 5.0 x4 NVMe slots (M-key 2280/22110)
Expansion Slots	Default <ul style="list-style-type: none"> <li>• 1 PCIe 4.0 x4 LP slot</li> <li>• 2 PCIe 5.0 x16 LP slots</li> </ul>
On-Board Devices	SATA: SATA (6Gbps) ; RAID 0/1 support NVMe: NVMe; RAID 0/1 support(Native) Chipset: AMD B650 Network Connectivity: 1 RJ45 1GbE with Realtek RTL8211F PHY (dedicated IPMI) 2 RJ45 1GbE with Intel® I210-AT
Input / Output	LAN: 1 RJ45 1 GbE Dedicated BMC LAN port USB: 3 Type-A ports(Rear) 2 Type-C ports(Rear) 1 Type-C port(Rear) Video: 1 VGA port 1 DisplayPort 1.4 port 1 HDMI 2 port Audio: Rear Audio TPM: 1 TPM header



System Cooling	Fans: Up to 3x 80mm Fan(s) Air Shroud: 1 Air Shroud
Power Supply	2x 800W Redundant (1 + 1) Titanium Level (96%) power supplies
System BIOS	BIOS Type: AMI 32MB SPI Flash
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: Status monitor for speed control 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 Temperature: CPU thermal trip support, Monitoring for CPU and chassis environment, PECI 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
Dimensions and Weight	Weight: Gross Weight: 52 lbs (23.59 kg) Net Weight: 37 lbs (16.78 kg) Available Color: Black
Operating Environment	Operating Temperature: 10°C to 35°C (50°F to 95°F) Non-operating Temperature: -40°C to 60°C (-40°F to 140°F) Operating Relative Humidity: 8% to 90% (non-condensing) Non-operating Relative Humidity: 5% to 95% (non-condensing)
Motherboard	<a href="#">Super H13SAE-MF</a>
Chassis	<a href="#">CSE-825TQC-R802LPB</a>