



IoT SuperServer AS -3015TR-i4

Mini Tower Embedded System with AMD EPYC™ 4004/4005 Series Processor up to 65W TDP

Key Applications

Office environment, Healthcare, Retail, AI Inference, Medical/Education
Signage,

Key Features

- Single Socket AM5 (LGA-1718) AMD EPYC™ 4005/4004 Series Processor up to 65W with air cooling;
- Up to 4 DIMMs supporting up to 192GB DDR5-5600 UDIMM;
- Support 1x 3.5" and 1x 2.5" drive bays (Optional Optical Disc Drive);
- 4 RJ45 1GbE + 1 Dedicated IPMI;
- Up to 1 PCIe 5.0 x16 HHHL double-width slot;
- 300W 80 Plus Gold Level Power Supply;



Form Factor	Compact Mini-Tower Enclosure: 92 x 341 x 305mm (3.62" x 13.43" x 12.01") Package: 186 x 468 x 399mm (7.32" x 18.43" x 15.71")
Processor	Single Socket AM5 (LGA-1718) AMD EPYC™ 4005/4004 Series Processor 16C/32T; 64MB Cache
GPU	Max GPU Count: Up to 1 double-width or 1 single-width GPU Supported GPU: NVIDIA PCIe: NVIDIA RTX PRO 2000 Blackwell Intel: Arc™ Pro B50 Graphics
System Memory	Slot Count: 4 DIMM slots Max Memory (1DPC): 192GB 5600MT/s ECC/non-ECC DDR5 UDIMM
Drive Bays Configuration	Default: Total 2 bays • 1 internal fixed 2.5" SATA* drive bay • 1 internal fixed 3.5" SATA* drive bay (*SATA support may require additional storage controller and/or cables, please see the optional parts list for details) M.2: 1 M.2 PCIe 5.0 x4 NVMe slot (M-key 2280) 1 M.2 PCIe 5.0 x4 NVMe slot (M-key 22110)
Expansion Slots	Default* • 1 PCIe 5.0 x16 (in x16) HHHL double-width slot (*Requires additional parts, please see the optional parts list for details. For more details on PCIe slot configuration options, please refer to the system callout images above.)
On-Board Devices	AMD B650
Input / Output	LAN: 4 RJ45 1 GbE LAN ports (Intel® I350-AM4) 1 RJ45 1 GbE Dedicated BMC LAN port (ASPEED AST2600) USB: 2 USB 2.0 Type-A ports (front) 2 USB 3.2 Gen2 Type-A ports (Rear) 1 USB 3.2 Gen1 Type-A port (Rear) 1 USB 3.2 Gen1 Type-C port (Rear) Video: 1 HDMI® 2.1 port(s) (Rear) 1 Mini-DP port (Rear)



System Cooling	Fans: Up to 1 Active CPU Heat Sink Fan Fan(s) Up to 1 System FAN 40x28mm Fan(s)
Power Supply	1x 300W Gold Level (90%) power supply
System BIOS	BIOS Type: AMI 32MB UEFI BIOS Features: ACPI 6.5 SMBIOS 3.7 or later UEFI 2.9
Management	SuperCloud Composer® (SCC); Supermicro Server Manager (SSM); Super Diagnostics Offline (SDO); Supermicro Thin-Agent Service (TAS); SuperServer Automation Assistant (SAA) New!; Plug-ins for 3rd Party Software
PC Health Monitoring	Fan: Status monitor for speed control
Dimensions and Weight	Weight: Gross Weight: 8.82 lbs (4 kg) Net Weight: 6.61 lbs (3 kg) Available Color: Black
Operating Environment	Operating Temperature: 5°C to 35°C (41°F to 95°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 H14SRV-HLN4F
Chassis	CSE-GS2A-000NBP