

MicroCloud A+ Server AS -3015MR-H10TNR



More details here

Key Applications

Cloud Computing, Web/Collocation Services, Web Cache, CDN, Video Streaming, Social Networking, Downloads, Corporate - WINS, DNS, Print, Login,

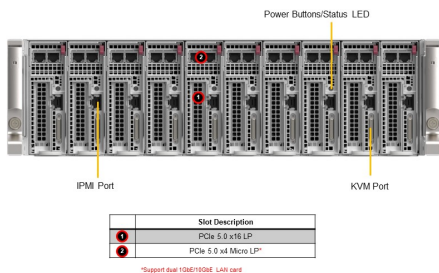
Key Features

- Single Socket AM5 (LGA-1718) AMD EPYC™ 4004 Series Processor up to 170W with air cooling;
- Support for up to 1 single-width PCIe GPU accelerator cards;
- Up to 4 DIMMs supporting up to 192GB DDR5-5200 in 2DPC;
- Up to 1 PCIe 5.0 x16 LP + 1 PCIe 5.0 x4 MicroLP slots;
- Up to 4 internal 2.5" (2 NVMe and 2 SATA) drive bays;
- 2000W Redundant (2+2 or 3+1) 80+ Titanium Level high-efficiency power supplies;



Form Factor	3U Rackmount Enclosure: 449 x 131 x 775mm (17.68" x 5.16" x 30.51") Package: 633 x 320 x 1125mm (24.92" x 12.6" x 44.29")
Processor	Single Socket AM5 (LGA-1718) AMD EPYC™ 4004 Series Processor Up to 16C/32T; Up to 32MB Cache
GPU	Max GPU Count: Up to 1 single-width GPU Supported GPU: NVIDIA PCIe: T4, L4, A2
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 4 bays <ul style="list-style-type: none"> • 2 internal fixed 2.5" PCIe 5.0 NVMe drive bays • 2 internal fixed 2.5" SATA drive bays M.2: 1 M.2 NVMe slot (M-key 2280/22110)
Expansion Slots	Default <ul style="list-style-type: none"> • 1 PCIe 5.0 x16 LP slot • 1 PCIe 5.0 x4 MicroLP slot
On-Board Devices	NVMe: NVMe; (Native) Chipset: System on Chip Network Connectivity: No NIC option supported
Input / Output	USB: 2 USB 2.0 port(s) Video: 1 port(s) TPM: 1 TPM Onboard/port 80

(Front View – System)



System Cooling

Fans: 5 Heavy Duty 8cm Fan(s)

Power Supply

4x 2000W Redundant (3 + 1) Titanium Level (96%) power supplies

System BIOS

BIOS Type: AMI 32MB SPI Flash EEPROM

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

Temperature: Monitoring for CPU and chassis environment
 CPU: Monitors for CPU Cores, +3.3V, +5V, +12V, +3.3V Standby, +5V Standby, VBAT, Memory, Chipset Voltages.
 3-Phase-switching voltage regulator with auto-sense from 0.5V-2.3V
 FAN: Fan speed control, Dual Cooling Zone

Dimensions and Weight

Weight: N/A
 Available Color: No Paint

Operating Environment

RoHS Compliant
 Operating Temperature: 10°C ~ 35°C (50°F ~ 95°F)
 Non-operating Temperature: -30°C to 60°C (-22°F to 140°F)
 Operating Relative Humidity: 8% to 80% (non-condensing)
 Non-operating Relative Humidity: 8% to 90% (non-condensing)

Motherboard

Super H13SRE-F

Chassis

CSE-MC301-000NDFP