

# MicroCloud A+ Server AS -3015MR-H8TNR



More details here

## Key Applications

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

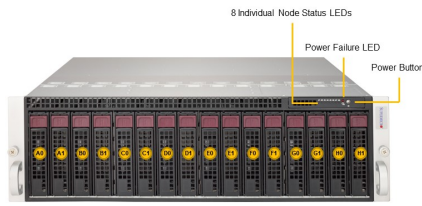
## Key Features

- 8 sets of AMD EPYC™ 4004 Series Processor;
- AMD Knoll - Integrated I/O Controller Hub;
- 8 set of Up to 128GB ECC/non ECC UDIMM; DDR5 5200MHz, in 4 DIMM sockets;
- 8 set of PCIe 5.0 x8 (in x16 slot) low profile slot and 8 set of Micro-LP slots (MicroLP upgradable);
- 8 set of 2x Front NVMe U.2/ SAS/ SATA3 drives w/ optional kits;
- 2200W Redundant 80+ Titanium Level high-efficiency power supplies;



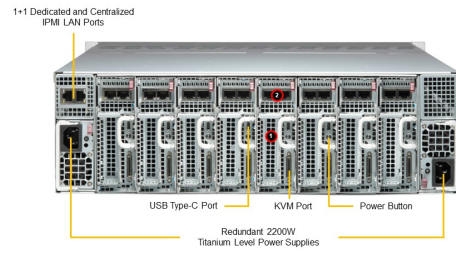
Form Factor	3U Rackmount Enclosure: 438 x 132 x 589mm (17.26" x 5.21" x 23.2") Package: 667 x 295.91 x 863.6mm (26.26" x 11.65" x 34")
Processor	Single Socket AM5 (LGA-1718) AMD EPYC™ 4004 Series Processor Up to 16C/32T; Up to 16MB Cache
GPU	Max GPU Count: Up to 1 single-width GPU(s) Supported GPU: NVIDIA PCIe: T4, L4, A2
System Memory	Slot Count: 4 DIMM slots Max Memory (2DPC): Up to 192GB 5200MT/s non-ECC DDR5 UDIMM
Drive Bays Configuration	Default: Total 2 bay(s) • 2 front hot-swap 3.5" NVMe/SAS/SATA drive bay(s) M.2: 1 M.2 NVMe/SATA slot(s) (M-key 2280/22110)
Expansion Slots	Default • 1 PCIe 5.0 x8 (in x16) LP slot(s) • 1 PCIe 4.0 x8 MicroLP slot(s)
On-Board Devices	NVMe: NVMe; (Native) Chipset: AMD Knoll - Integrated I/O Controller Hub Network Connectivity: No NIC option supported
Input / Output	USB: 2 USB 2.0 port(s) 1 Type-C port(s) (front) Video: 1 port(s) TPM: 1 TPM Onboard/port 80

(Front View – System)



Drive Bay (node A-F)	Description
	2 Hot-swap 2.5" NVMe Drive Bays (per node)

(Rear View – System)



Slot	Slot Description
	PCH: 5.0 x8 (in x16) LP
	PCH: 4.0 x8 Micro LP

\*Supports single-bay 1GbE/10GbE LAN cards

System Cooling	Fans: 4 Heavy Duty 8cm Fan(s)
Power Supply	1x 2200W Redundant Titanium Level power supply
System BIOS	BIOS Type: AMI 32MB SPI Flash EEPROM
Management	SuperCloud Composer; Supermicro Server Manager (SSM); Supermicro Update Manager (SUM); SuperDoctor® 5; Super Diagnostics Offline ; TAS: Supermicro Thin-Agent Service (TAS); 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: Gross Weight: 88 lbs (39.92 kg) Net Weight: 62.2 lbs (28.21 kg) Available Color: N/A
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	<a href="#">Super H13SRD-F</a>
Chassis	CSE-938NH-R2K20BP2