

Mainstream A+ Server AS -3015A-I



More details here

Key Applications

2D/3D Content Creation, Email/Firewall/Application Server, Designed for small and medium businesses,

Key Features

- AMD Ryzen™ 7000 series processors;
- 4x Dual Channel ECC / Non-ECC DDR5 Unbuffered DIMM up to 128GB;
- 2 High-throughput PCIe Gen5 x16 slots (16/NA or 8/8) and 2xPCIe 5.0x4 M.2 slots;
- 2x 1GbE LAN (Intel® I210-AT);



Form Factor	Mini-Tower Rackmount Enclosure: 184 x 362 x 425mm (7.25" x 14.25" x 16.75") Package: 279 x 508 x 533mm (11" x 20" x 21")
Processor	Single Socket Zen4 Gen AMD Ryzen™ 7000 series processors Up to 16C/32T
GPU	Max GPU Count: Up to 1 double-width GPU(s) Supported GPU: AMD PCIe: Radeon Pro W7800 NVIDIA PCIe: RTX A2000, RTX 4070, RTX A4000
System Memory	Slot Count: 4 DIMM slots Max Memory (2DPC): Up to 128GB 5200MT/s ECC DDR5 UDIMM
Drive Bays	4x 3.5" SATA drive bays (or up to 4x 2.5" SATA drive bays via optional brackets) 2x NVMe (PCIe 5.0x4) M-Key, 2280/22110
Expansion Slots	2 PCIe 5.0 x16 slot(s) (Slot#6 and Slot#4 can be configured as 16/NA or 8/8)
On-Board Devices	Chipset: AMD B650 Network Connectivity: 1x 1GbE BaseT with Realtek RTL8211F PHY (dedicated IPMI) 2x 1GbE BaseT 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	SATA: 4 SATA (6Gbps) port(s) USB: 2 USB 3.2 Gen 1 port(s) (2 front Type A) 1 USB 3.2 Gen 2x2 port(s) (1 rear Type C) 3 USB 3.2 Gen 2x1 port(s) (3 rear Type A) 2 USB 3.2 Gen 2 port(s) (2 rear Type C) Video: 1 VGA port(s) 1 HDMI port(s) 1 DisplayPort port(s) Serial Port: 1 COM Port(s) (1 header)



System Cooling	Fans: 1x 80mm Fan(s) 1x 90mm Fan(s)
Power Supply	668W Platinum Level power supply
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	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 temperature
Dimensions and Weight	Height: 14.25" (362 mm) Width: 7.25" (184 mm) Depth: 16.75" (425 mm) Gross Weight: 22 lbs (9.98 kg) Net Weight: 18 lbs (8.16 kg) Packaging: 20" (H) x 11" (W) x 21" (D) Available Color: Black
Operating Environment	Operating Temperature: 10°C ~ 35°C (50°F ~ 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	Super H13SAE-MF
Chassis	CSE-731i-668B

Parts List

Standard Parts (Parts Included)

Motherboard / Chassis

Part Number	MBD-H13SAE-MF	CSE-7311-668B
Qty	1	1
Description	Super H13SAE-MF Motherboard	Mini-Tower Chassis

Cable

Part Number	CBL-0044L	CBL-PWCD-0260-IS	CBL-0084L	CBL-CUSB-1007
Qty	4	1	1	1
Description	7pin SATA (STR to STR), 57.5cm, Flat, PBF	PWCD,US,NEMA5-15P TO IEC60320 C13,6FT,18AWG,RoHS/REACH	16PIN FRONT CTRL SPLIT CONVECTOR 6",PB FREE	20p,F to 2x USB 3.0 type A,F,70CM,26/30AWG,RoHS

Fan

Part Number	FAN-0247L4	FAN-0108L4
Qty	1	1
Description	80x80x25 mm, 5K RPM Cooling Fan for AS-3015A-I,RoHS	92X25MM 4-PIN PWM REAR EXT FAN FOR SC731

Parts

Part Number	MCP-260-00185-0B	MCP-110-00033-0N
Qty	1	2
Description	STD I/O Shield for H13SAE-MF with EMI Gasket & Black Mylar	Binding Head Screw (with teeth) #632*4.5L

Power Supply

Part Number	PWS-668-PQ
Qty	1
Description	PS2 668W Multi-Output 80Plus Platinum Power Supply with 24pi

Software

Part Number	SFT-OOB-LIC
Qty	1
Description	License key for enabling OOB BIOS management

*Drive Tray(s)

Part Number	MCP-220-73101-0B
Qty	4
Description	SC731 Tool-less Internal 3.5inch HDD Tray

Notes:

1. Parts with * are inside the chassis
2. Excessive parts might not be shipped, including but not limited to excessive drive trays, fans, riser brackets, air shrouds, IO shields, cables.....etc.

Optional Parts List

DVD Kit

Part Number	CBL-SAST-0624 Store	DVM-TEAC-DVDRW24-HBT1	CBL-0082L Store
Qty	1	1	1
Description	70cm SATA Cable S-S 30AWG	BLACK TEAC 5.25" HH 24X DVD-RW SATA DRIVE (Please also add CBL-SAST-0624 and CBL-0082L)	Y SPLIT SATA POWER ADAPTER

HDD Converter

Part Number	MCP-220-73102-0N Store
Qty	1
Description	2.5" to 3.5" SSD/HDD Adapter Tray for 731, 732, DS3, 842

Heatsink

Part Number	SNK-P0093AP4
Qty	1
Description	High Performance CPU Heatsink

Mobile Rack

Part Number	CSE-M14TQC
Qty	1
Description	SAS3/SATA mobile rack for 4x 2.5" drives

TPM

Part Number	AOM-TPM-9670V
Qty	1
Description	SPI TPM 2.0

[Global SKU \(/en/products/SMC_global_skus\)](#)