

Mainstream A+ Server AS -3015A-I



Key Applications

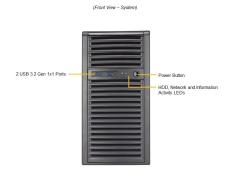
2D/3D Content Creation, Email/Firewall/Application Server, Designed for small and medium businesses,

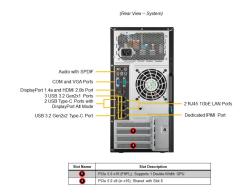
Key Features

- 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 optoinal 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-H13SAF-MF CSE-731i-668B Description Super H13SAE-MF Motherboard Mini-Tower Chassis Cable CBL-0084L Part Number CBL-0044L CBL-PWCD-0260-IS CBL-CUSB-1007 Qty 7pin SATA (STR to STR), 57.5cm, Flat, PBF PWCD.US.NEMA5-15P TO IEC60320 16PIN FRONT CTRL SPLIT CONVECTOR Description 20p.F to 2x USB 3.0 type C13,6FT,18AWG,RoHS/REACH 6",PB FREE A,F,70CM,26/30AWG,RoHS Fan Part Number FAN-0247L4 FAN-0108L4 Qty 92X25MM 4-PIN PWM REAR EXT FAN FOR Description 80x80x25 mm, 5K RPM Cooling Fan for AS -3015A-I,RoHS SC731 Parts Part Number MCP-260-00185-0B MCP-110-00033-0N Qty STD I/O Shield for H13SAE-MF with EMI Binding Head Screw (with teeth) Description Gasket & Black Mylar #632*4.5L Power Supply Part Number PWS-668-PQ Qty PS2 668W Multi-Output 80Plus Platinum Description Power Supply with 24pi Software SFT-OOB-LIC Part Number Qty License key for enabling OOB BIOS Description

Part Number Qty Description

*Drive Tray(s)

1. Parts with * are inside the chassis

management

MCP-220-73101-0B

SC731 Tool-less Internal 3.5inch HDD Tray

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

Part Number CBL-SAST-0624 &Store DVM-TEAC-DVDRW24-HBT1 CBL-0082L &Store

(https://store.supermicro.com/supermicro-

 sata-round-straight-straight 15cm-4-pin-peripheral

 70cm-cable-cbl-sast-0624.html)
 connector-to-2-right-angle-sata

 power-extension-cable-cbl 0082l.html)

<u>00821.ht</u>

 Qty
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 Description
 70cm SATA Cable S-S 30AWG
 BLACK TEAC 5.25" HH 24X DVD-RW SATA
 Y SPLIT SATA POWER ADAPTER

DRIVE (Please also add CBL-SAST-0624 and CBL-0082L)

HDD Converter

MCP-220-73102-0N •**€Store**

(https://store.supermicro.com/mcp-

220-73102-0n.html) Qty 1

ption 2.5" to 3.5" SSD/HDD Adapter Tray for 731,

Description 2.5" to 3.5" SS 732, DS3, 842

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 SPITPM 2.0

Global SKU (/en/products/SMC_global_skus)