

TECHNICAL DATASHEET

SUPERMICRO · TOWER SERVERS & WORKSTATIONS

Supermicro Mini-Tower Mainstream Server AS-3015A-I

UP mid-tower workstation for SMB and content creation

SKU AS-3015A-I

Tower

AM5

Supermicro



FORM FACTOR

Tower

MAX POWER (BASE)

306 W

HEAT OUTPUT

1,044 BTU/h

PRICE

from €2,040

REQUEST A QUOTATION ONLINE

serverinvest.com/product/as-3015a-i

POWER BY COMPONENT

Chassis, motherboard, fans, BMC

CPU (base configuration)

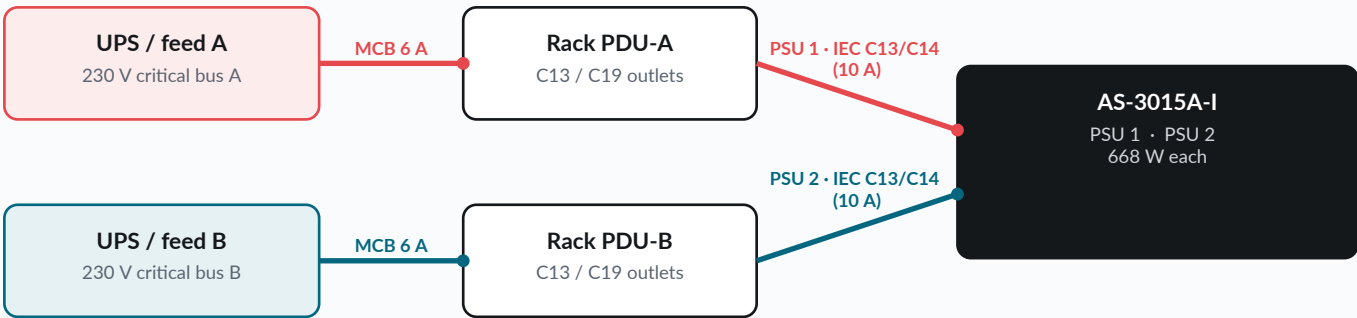
2× Memory (base configuration)

IDLE	TYPICAL	MAX
38 W	59 W	85 W
25 W	110 W	185 W
6 W	10 W	18 W

DC loads converted to wall power at 94% PSU efficiency; typical load assumed 70% of the time. Engineering estimates — confirm with the manufacturer's power calculator for critical designs.

03 Power connection diagram

Dual-feed (A/B) connection for redundant power supplies



- Connect PSU 1 to PDU-A and PSU 2 to PDU-B (independent feeds) using IEC C13/C14 (10 A) power cords.
- Maximum current per feed: 1.4 A at 230 V — each feed must be able to carry the full load if the other fails.
- Recommended protection per PDU circuit: MCB 6 A, curve C; RCD according to local regulations.
- Heat to remove at full load: 306 W = 1,044 BTU/h (0.3 kW).

04 Full specifications

MOTHERBOARD	
	Super H13SAE-MF
PROCESSOR	
CPU	Single processor(s) AMD EPYC 4004 / 4005 or AMD Ryzen 7000 / 9000 Series Processors
Core Count	Up to 16C/32T
Note	Supports up to 170W TDP CPUs (Air Cooled)
GPU	
Max GPU Count	Up to 1 double-width GPU
Supported GPU	NVIDIA PCIe: NVIDIA RTX PRO 6000 Blackwell Max-Q Workstation Edition, RTX 2000 Ada, RTX 4000 Ada Generation, RTX 4070, RTX 6000 Ada Generation, RTX A2000, RTX A4000 NVIDIA: RTX A400 AMD PCIe: Radeon Pro W7500, Radeon Pro W7800 View GPU Options
SYSTEM MEMORY	
Memory	Slot Count: 4 DIMM slots Max Memory (2DPC): Up to 192GB 5200MT/s ECC/non-ECC DDR5 UDIMM View Memory Options

Memory Voltage	1.1V
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ON-BOARD DEVICES

SATA	SATA (6Gbps) ; RAID 0/1 support
NVMe	NVMe; RAID 0/1 support(Native)
Chipset	AMD B650
Network Connectivity	1 RJ45 1GbE with Realtek RTL8211F PHY (dedicated IPMI) 2 RJ45 1GbE with Intel I210-AT View AOC Options

INPUT / OUTPUT

Video	1 VGA port 1 DisplayPort 1.4a port 1 port(s) supporting 4K@60Hz as specified in HDMI 2.0b (Rear)
Audio	Rear Audio

SYSTEM BIOS

BIOS Type	AMI 32MB SPI Flash
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MANAGEMENT

Software	SuperCloud Composer (SCC) 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!
Power configurations	ACPI 6.0 Power Management

SECURITY

Hardware	Trusted Platform Module (TPM) 2.0 Silicon Root of Trust (RoT) – NIST 800-193 Compliant
Features	Supply Chain Security: Remote Attestation Runtime BMC Protections

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
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CERTIFICATIONS

Operating Systems	Grado: Windows Server 2025 Raphael: Windows Server 2022, Windows Server 2025 Ryzen: RHEL 9.3, Windows 11, Windows Server 2022 View all OS Compatibility and Certification Matrix
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CHASSIS

Form Factor	Mini-Tower
Model	CSE-731i-668B

DIMENSIONS AND WEIGHT

Height	14.25" (362 mm)
Width	7.25" (184 mm)
Depth	16.75" (425 mm)
Package	20" (H) x 11" (W) x 21" (D)
Weight	Gross Weight: 22 lbs (9.98 kg) Net Weight: 18 lbs (8.16 kg)
Available Color	Black

FRONT PANEL

Buttons	Power On/Off button
LED	HDD activity LED Network activity LEDs Power LED System Overheat LED
Port	USB 3.0 Port(s)

EXPANSION SLOTS

PCI-Express (PCIe) Configuration	Default 1 PCIe 5.0 x16 FHFL slot Option A 2 PCIe 5.0 x8 FHFL slots View AOC Options
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DRIVE BAYS / STORAGE

Drive Bays Configuration	Default: Total 4 bays 4 front fixed 3.5" SATA drive bays Option A: Total 4 bays 4 front fixed 2.5" SATA drive bays View Drive Options
M.2	2 M.2 PCIe 5.0 x4 NVMe slots (M-key 2280/22110) View M.2 Options
Peripheral Bays	2 5.25" peripheral bays

SYSTEM COOLING

Fans	Up to 1x 90mm Fan(s) Up to 1x 80mm Fan(s)
Air Shroud	1 Air Shroud

POWER SUPPLY

1x 668W
1x 668W Platinum Level (92%) power supply
Dimension (WxHxL)
150 x 86 x 185 mm

OPERATING ENVIRONMENT

RoHS	RoHS Compliant
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Environmental Spec.

Operating Temperature: 10°C to 35°C (50°F to 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)

05 Built, tested & supported by ServerInvest

Engineered configuration

Every option validated for socket, memory channels, PCIe lanes, power and cooling.

48-hour burn-in

Assembled, firmware-updated and stress-tested before it leaves our workshop.

3-year warranty

Standard on every system, with on-site next-business-day upgrades available.

Rack-ready delivery

Rails, cable management and labelling included — delivered across Europe.



Interested in this solution?

Request a quotation online or talk to a solutions engineer — we reply within one business day.
office@serverinvest.com

Official manufacturer datasheet: serverinvest.com/product/as-3015a-i/datasheet/manufactur

