

TECHNICAL DATASHEET

SUPERMICRO · RACKMOUNT SERVERS

Supermicro Server SYS-E300-9C

SKU SYS-E300-9C

Compact

Supermicro

SuperServer SYS-E300-9C

(Angled View – System)



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FORM FACTOR

Compact

MAX POWER (BASE)

306 W

HEAT OUTPUT

1,044 BTU/h

PRICE

On request



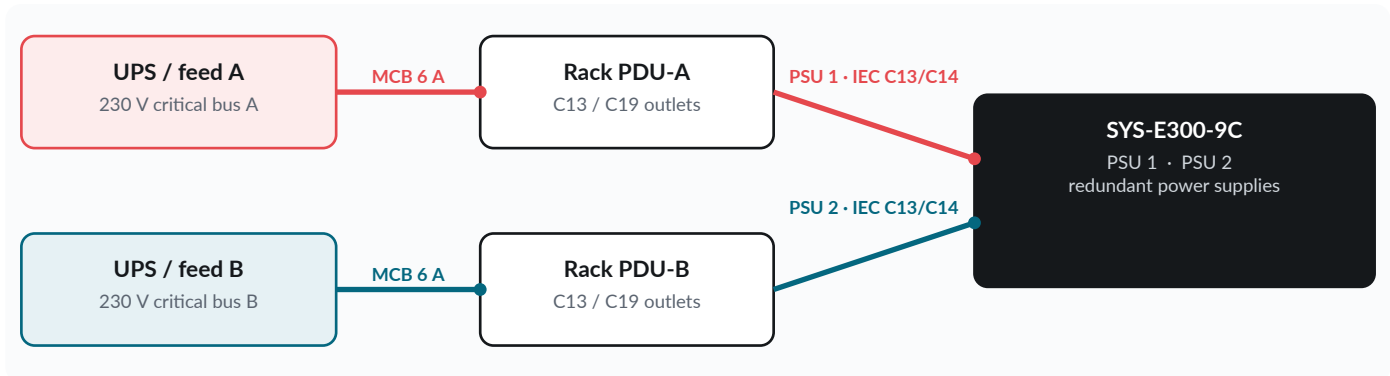
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serverinvest.com/product/sys-e300-9c



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 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

PROCESSOR/CACHE

CPU	Single Socket H4 (LGA 1151) supports: 8th/9th Gen Intel Core i7/i5/i3 / Pentium / Celeron processor CPU TDP support Up to 65W TDP
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SYSTEM MEMORY

Memory Capacity	Up to 32GB Unbuffered non-ECC SO-DIMM, DDR4-2666MHz 2 DIMM slots
Memory Type	DDR4-2666MHz Unbuffered non-ECC SO-DIMM
DIMM Sizes	16GB
Memory Voltage	1.2 V
Error Detection	Corrects single-bit errors Detects double-bit errors (using ECC memory)

ON-BOARD DEVICES

Chipset	Intel Q370
SATA	Q370 controller for 5 SATA3 ports; RAID 0, 1
Network Controllers	Single LAN with Intel Ethernet Controller I210-AT Single LAN with Intel PHY I219LM LAN controller
Audio	ALC 888S HD Audio
Graphics	3 Independent Displays

INPUT / OUTPUT

SATA	5 SATA3 (6Gbps) ports via PCH
LAN	2 RJ45 Gigabit Ethernet LAN ports

USB	4 USB 3.1 (2 type A and 2 type C in rear)
Display	1 DVI - D port 1 HDMI port 1 DP (Display Port) 1 eDP (Embedded Display Port) 3 Independent Displays
Audio	HD Audio (Mic In / Line Out)
TPM	1 TPM Header & Chip

CHASSIS

Form Factor	Compact
Model	CSE-E300

DIMENSIONS

Width	10.43" (264.8mm) / 15" (381mm) - pkg.
Height	1.7" (43mm) / 10.87" (276mm) - pkg.
Depth	8.9" (226mm) / 5.59" (142mm) - pkg.
Weight	Gross Weight: 7.5 lbs (3.4 kg) Net Weight: 3.45 lbs (1.56 kg)
Available Colors	Black

FRONT PANEL

Buttons	Power On/Off button
LEDs	Power LED (Hard drive activity LED)

EXPANSION SLOTS

PCI-E	1 PCI-E 3.0 x16
M.2	M.2 M key: PCI-E 3.0 x4, NVMe support 2242/2280 length M.2 E Key: PCI-E 3.0 x1, support 2230 length

DRIVE BAYS

Internal	2 Fixed 2.5" drive bays - one with bracket, one on base mount (1 fixed 2.5" drive bay when AOC area is occupied)
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SYSTEM COOLING

Fans	2x 4cm high performance PWM fan
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SYSTEM BIOS

BIOS Type	AMI UEFI
BIOS Features	ACPI 6.0

MANAGEMENT

Software	AMT NMI vPro Watch Dog
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Power Configurations	ATX Power connector +12V DC Power Input
Fan	Fans with tachometer status monitoring

OPERATING ENVIRONMENT / COMPLIANCE

RoHS	RoHS Compliant
Environmental Spec.	Operating Temperature: 0°C to 40°C (32°F to 104°F) Non-operating Temperature: -40°C to 70°C (-40°F to 158°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.
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