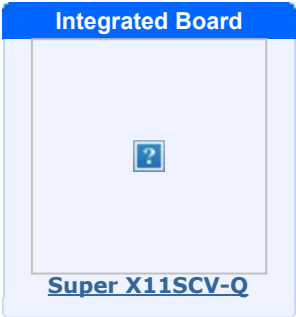




SuperServer E300-9C

Products ▶ Systems ▶ **Embedded/IoT** ▶ [**E300-9C**]



View: | [Rackmount Kit](#) |

Coming Soon

Key Features

- IoT Edge Computing
- DVR / NVR
- Machine Automation
- Digital Signage
- Medical Applications
- IoT Gateway

1. Single Socket H4 (LGA 1151) supports: 8th Generation Intel® Core™ i7/i5/i3 / Pentium® / Celeron® processor
2. Intel® Q370 chipset
3. 2 Internal 2.5" drive bays (Top drive bay area can accommodate either an AOC with riser card and bracket or 2.5" drive on the top bracket.)
4. Up to 32GB unbuf. non-ECC SO-DIMM, DDR4-2666Mz; in 2 DIMM slots
5. 1 PCI-E 3.0 x16 LP AOC slot, M.2 M key: PCI-E 3.0 x4, support 2242/2280; M.2 E KEY: PCI-E 3.0 x1, support 2230
6. 2x 1GbE LAN ports
7. 4 USB 3.1 (2 type A and 2 type C)
8. 1 HDMI, 1 DP, 1 DVI-D, HD Audio
9. 2x 4cm high performance PWM fans
10. DC Power Adapter

Note: Image above may show a varied configuration or optional parts, Please refer to parts list for standard parts included.

Specifications

Product SKUs	
SYS-E300-9C	• SuperServer E300-9C (Black)
Motherboard	
Super X11SCV-Q	
Processor/Cache	
CPU	• Single Socket H4 (LGA 1151) supports: • 8th Generation Intel® Core™ i7/i5/i3 / Pentium® / Celeron® processor • CPU TDP support Up to 65W TDP

Chassis	
Form Factor	• Compact
Model	• CSE-E300
Dimensions	
Width	• 10" (254mm) / 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

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)

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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Power Supply

150W DC Power Adapter

System BIOS

BIOS Type	AMI UEFI
BIOS Features	ACPI 6.0

Management

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

Parts List

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