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**Product SKUs** 

SYS-E301-9D-

## SuperServer E301-9D-8CN8TP



Views: | Angled View | Top View Front View Rear View

Drivers & Utilities BIOS IPMI Tested Memory Tested M.2 List Manuals OS Certification Matrix Quick-References Guide Drive Options

SuperServer E301-9D-8CN8TP (Black)

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

## **Integrated Board**

Super X11SDV-8C-TP8F

SDN-WAN, vCPE controller box NFV Edge Computing Server Virtualization Server FireWall Applications IoT Edge Computing

- Intel® Xeon® processor D-2146NT, 8-Core, 16 Threads, 80W
- System on Chip
- 4x 7mm SSD

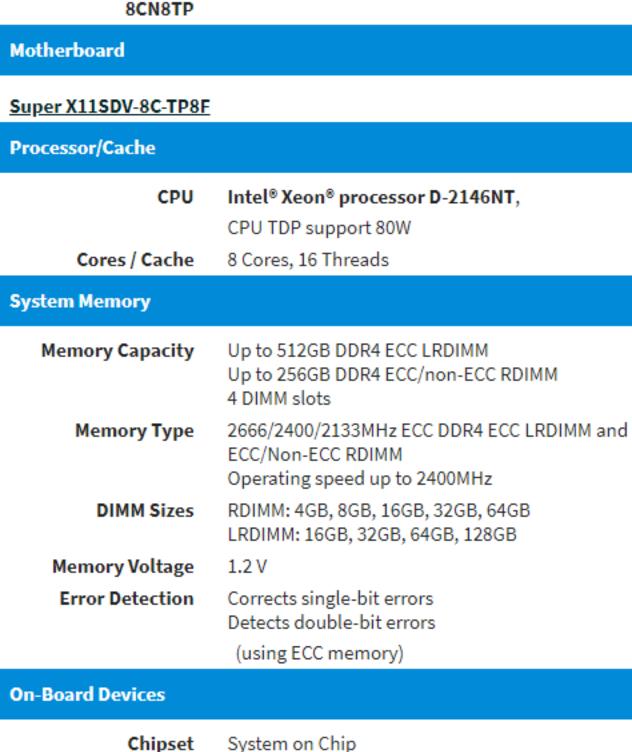
**Key Features** 

- 4. 1 M.2 slot M key for SSD, 2242/80, 1 M.2 B Key for SSD/ WAN card, 1 Mini-PCI-E with mSATA Support, 1 PCI-E 3.0 x8 slot
- Up to 512GB ECC LRDIMM, up to 256GB ECC/non-ECC RDIMM DDR4-2666Mz; in 4 DIMM slots
- 4x 1GbE, 2x 10GBase-T, 2x 10G SFP+ and 1 dedicated LAN for IPMI 2.0
- 7. 1 VGA, 2 USB 3.0
- 8. 3x 40x28mm 4-PIN PWM Fan
- DC Power adapter
- 10. Built in Intel QAT up to 40Gbps Crypto/Compression

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## Specifications ^

Chassis



el: i	6 1 61:
Chipset	System on Chip
SATA	SATA3 (6Gbps) ports via SoC controller
Network Controllers	Quad 1GbE with Intel I350-AM4 Dual 10GBase-T with Intel X557 Dual 10G SFP+ via SoC
IPMI	Support for Intelligent Platform Management Interface v.2.0 IPMI 2.0 with virtual media over LAN and KVM- over-LAN support
Graphics	Aspeed AST2500 BMC
Input / Output	
SATA	SoC controller for 4 SATA3 (6Gbps) ports

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SATA	SoC controller for 4 SATA3 (6Gbps) ports
LAN	2x 10G SFP+ ports 2x 10GBase-T LAN ports 4x 1GbE LAN ports 1 Dedicated IPMI LAN port
USB	2 USB 3.0 ports (rear)
Display	1 VGA port
ТРМ	1 TPM 2.0 header

Form Factor Compact Model CSE-E301 **Dimensions** 

> 10.43" (264.8mm) / 15" (381mm) - pkg. Width 2.6" (66mm) / 10.87" (276mm) - pkg. Height Depth 8.9" (226mm) / 5.59" (142mm) - pkg. Gross Weight: 7.5 lbs (3.4 kg) Weight

**Available Colors** Black

**Front Panel** 

**Expansion Slots** 

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

Net Weight: 3.45 lbs (1.56 kg)

1 PCI-E 3.0 x8 slot PCI-Express

**Drive Bays** 

Internal

**System Cooling** 

4x 7mm SSD

Fans

3x 40x28mm 4-PIN PWM Fan

DC Power Adapter

**Power Supply** 

**System BIOS** 

BIOS Type 128Mb SPI Flash with AMI BIOS **BIOS** Features PCI 3.0

ACPI 5.0 USB Keyboard support

Hardware BIOS Virus protection SMBIOS 2.8

**UEFI 2.4** RTC (Real Time Clock) Wakeup

Software

Management

**IPMI 2.0** KVM with dedicated LAN

NMI SUM SuperDoctor® 5

Intel® Node Manager

Watch Dog **ACPI Power Management** Power

+12V DC Power Input Configurations Control of power-on for recovery from AC power

> loss CPU thermal trip support for processor

protection M.2 NGFF connector, Node Manager Support,

SDDC, System level control, UID, WOL Fans with tachometer status monitoring

Status monitor for speed control Low noise fan speed control Pulse Width Modulated (PWM) fan connectors

### **Operating Environment / Compliance** RoHS RoHS Compliant

Operating Temperature:

Environmental Spec. 0°C to 35°C (32°F to 95°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)

Global SKU English

Parts List >

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