



SUPERMICRO SYS-E300-9D-8CN8TP SERVER (P3058)

TECHNICAL SPECIFICATIONS

CHIPSET	System on Chip
MEMORY	max. 256GB of 2666MHz DDR4 ECC reg. or 512GB with ECC LRDIMM
LAN (onboard)	Quad-Port 1000Base-T Networkadapter Intel® i350-AM4, 4x RJ45 Dual-Port 10GBase-T Networkadapter Intel X557 2-Port 10G SFP+ via SoC
GRAPHICS	onboard ASPEED AST2500 BMC
SAS / SATA	onboard via SoC controller for 12x SATA3 (6 Gbps) ports; RAID 0,1,5+10 support
POWER SUPPLY	single 150W external AC w/ PFC
REMOTE MANAGEMENT / IPMI	onboard IPMI 2.0 + KVM with Virtual Media, dedicated LAN, SuperDoctor 5, Watchdog
INPUT / OUTPUT	onboard 1x 16550 serial port / COM (1x header)
USB	2x USB 3.1 Gen 1 (2x rear)
TPM	1x TPM header
EXPANSION SLOTS	No (optional 1x PCI-E 3.0 x8 via Risercard)
MAX HDD/SSD SLOTS	1x 2.5" fixed SATA drive bays (if AOC slot is not occupied)

OPERATION AREA:

- Compact server for branch office solutions
- VMware or HyperV Cluster
- Ideal for firewall & network security appliances (8x onboard LAN)
- Universal customer premise equipment (uCPE); SD-WAN and virtualization
- NFV edge computing server
- Mobile server solution
- IoT edge computing / gateway

HIGHLIGHTS

- Powerful Intel® Xeon® D-2146NT CPU with 8-Core & 16 Threads
- VMware certified with ESXi 6.7 U3, ESXi 6.7 U2, ESXi 6.7 U1, ESXi 6.7, ESXi 6.5 U3 and ESXi 6.5 U2
- Intel Select Solution product for uCPE, Edge Computing and IoT use
- 8 LAN Ports (4x 1GbE, 2x 10GBase-T, 2x 10G SFP+ und 1 dedicated LAN for IPMI 2.0.)
- Ultra compact dimension: 43/254/226mm
- Optional 19" Rackmount Kit, 1U
- Individually configurable (optional max. 7.68TB 2.5" SATA SSD, max. 1.92TB M.2 SSD, max. 512GB RAM)
- External 150W +12V power supply

STANDARD CONFIGURATION

CPU

Intel® Xeon D-2146NT, 2.30GHz, 8-Core, 16 Threads, 11MB Cache, 80W (Skylake SP)

MEMORY

2x 16GB (total 32GB) DDR4 RAM, 2666MHz, ECC, registered

HARD DRIVES

Optional

OPERATING SYSTEM

Optional

OPTIONAL

On Site Service