

ROC286 series

Industrial 1U Fanless Systems



ROC286 series

PRODUCT HIGHLIGHTS

- ▶ 1U Rackmount fanless systems
- ▶ Supports Intel® Core™ i3/i5/i7 9th Gen processors
- ▶ Intel® Q370 chipset with RAID support
- ▶ Support for up to 64Gb of DDR4 memory
- ▶ NVMe PCIe x4 expansion slot
- ▶ 9~36V DC input
- ▶ Optional redundant AC or DC power supplies



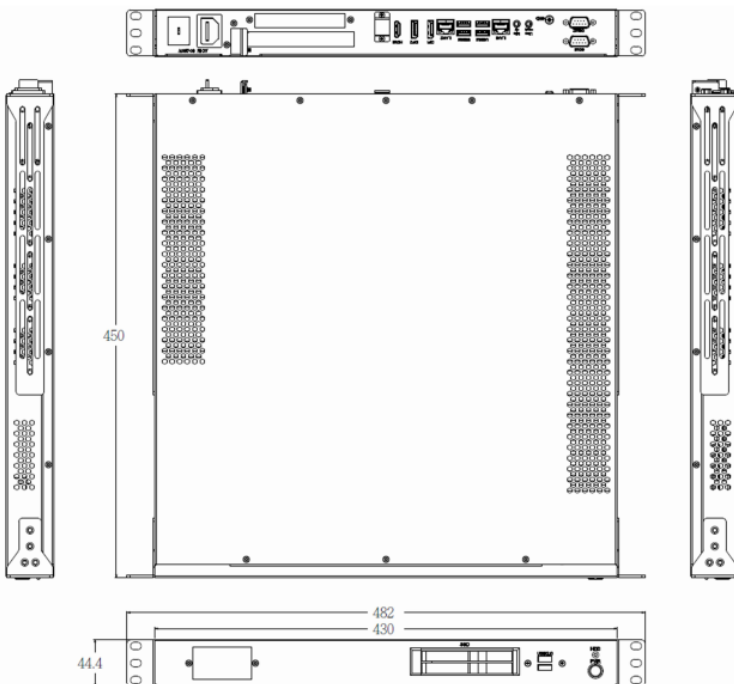
TECHNICAL INFORMATION

PROCESSOR	Intel® Core™ i3-9100TE Intel® Core™ i5-9500TE Intel® Core™ i7-9700TE
CHIPSET	Intel® Q370
SYSTEM MEMORY	DDR4 up to 64GB
STORAGE	2 x 2.5" hot-swappable SATA SSD easy swap trays 1 x Gen 3.0 (PCIex4) NVMe M2.2280
POWER INPUT	9V ~ 36V DC 100V ~ 240V AC
REDUNDANT POWER	The below models all support redundant power supplies: ROC286AA ROC286BB ROC286CC
EXPANSION SLOTS	1 x PCIe x16 1 x mPCIe 1 x M.2 2230 (E)
I/O PORTS	2 x RJ45 2 x Display Port 1 x HDMI 1 x Mic, 1 x Line-Out 2 x RS232/422/485 4 x USB 3.1 2 x USB 2.0
TESTING	MIL-STD-810G tested Method 507.5, Procedure II (Temperature & Humidity) Method 501.5, Procedure I (Storage/High Temperature) Method 501.5, Procedure II (Operation/High Temperature) Method 502.5, Procedure I (Storage/Low Temperature) Method 502.5, Procedure II (Operation/Low Temperature) Method 503.5, Procedure I (Temperature shock)
OPERATING TEMPERATURE	Without Graphics Card (ET: -20°C to 60°C; UT: -30°C to 70°C) With Graphics Card (0°C to 50°C)
STORAGE TEMPERATURE	-40°C to 85°C
RELATIVE HUMIDITY	5% to 95%, non-condensing
VIBRATION	5Hz~500Hz / 1Grms / 3 axis
DIMENSIONS (W x D x H)	430 x 450 x 44.4 mm
WEIGHT	8.5Kg
CHASSIS	SECC
HEATSINK	Aluminium Alloy, Corrosion Resistant
FINISH	Anodic aluminium oxide
APPLICATIONS	Commercial and Industrial Platforms, Embedded Computing, Process Control, Intelligent Automation and manufacturing applications

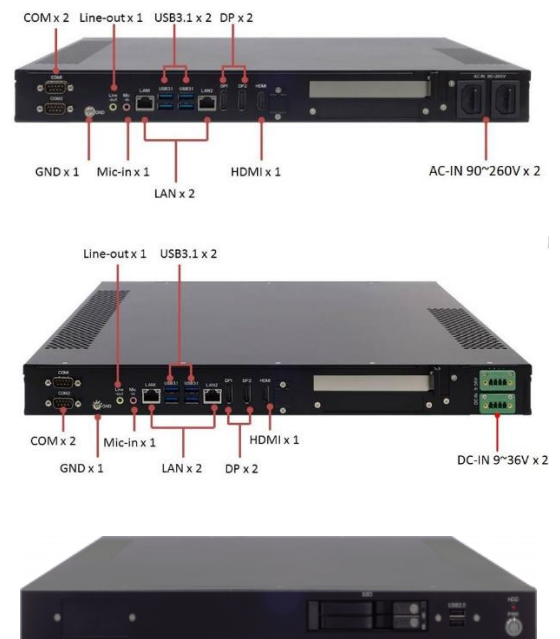
► TECHNICAL INFORMATION (CONTINUED)

CERTIFICATIONS	CE, FCC
OS SUPPORT	Windows 10 64Bit Ubuntu13.04 Ubuntu13.10 Ubuntu14.04 Fedora 20
OPTIONAL EXPANSION MODULES	PCIe 4 x PoE+ PCIe 2 x 10G SFP+ PCIe 4 x RJ45 PCIe 4 x COM ports
MODEL NUMBERS	ROC286A: 1U fanless system, DC input ROC286B: 1U fanless system, AC input ROC268AA: 1U fanless system, Redundant DC input ROC286BB: 1U fanless system, Redundant AC input ROC286CC: 1U fanless system, DC input, Anti-Corrosion Conformal Coating

► MECHANICAL DRAWING



► SYSTEM INFORMATION



► Company Address

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