ROC286CC

1U fanless 19”, DC-DC Redundant Server

MIL-STD 810H

- Intel® Coffee Lake-Refresh 8th/9th Processor (up to 65W)
- 2 x SO-DIMM DDR4 2400/2666 MHz up to 64GB
- 1 x PCIex16 Slot
- 1 x M.2 M 2280, 1 x M.2 E 2230, 1 x mPCIe Full Size, 1 x PCIe X16 Expansion Slot
- 6 x USB, 3 x DisplayPort, 2 x LAN, 1 x Line-out/ Mic
- 2 x 2.5” SATA HDD/ SSD Easy Swap Tray

Specifications

System	
Processor	Socket LGA 1151 for Intel® Core i7/i5/i3/Celeron® (Supports up to 65W) Intel® 8th/9th Processor
Chipset	Intel® Q370 Chipset
Memory type	2 x DDR4 SO DIMM up to 64 GB
Expansion Slot	2 x SATAIII, 2.5" SSD, 1 x M.2 (Key M, 2242/2280) with PCIe and SATA Signal, 1 x PCIe x16
Display	
Display Port	Resolution up to 4096 x 2304 60@Hz
Storage	
HDD/SDD	2 x 2.5" SATA HDD/SSD easy swap tray
Ethernet	
Ethernet	Intel® I210 & I219LM GbE LAN (support 10/100/1000 Mbps for x2 RJ45 ports)
Rear I/O	
Display Port	2 x DP, 1x HDMI
Ethernet	2 x RJ45 Intel® I210 & I219LM GbE LAN (support 10/100/1000 Mbps)
Audio	2 x 3.5mm Audio Jacks (1 x MIC, 1 x Line-Out)
COM	2 x RS232/422/485 (select by BIOS)
USB Port	4 x USB 3.1(10Gb/s)
DC-IN	2 X 4P Terminal Block
Front I/O	
Button	1 x Power Button w/Indicator LED
Indicator LED	HDD
USB Port	2 x USB 2.0
Easy Swap SSD Tray	x 2
Power Requirement	
Power Input	9~36V DC IN
Applications, Operating System	
Applications	Commercial and Industrial Platforms, Embedded Computing, Process Control, Intelligent Automation and manufacturing application

Operating System	Windows 10 64Bit Ubuntu13.04, Ubuntu13.10 Ubuntu14.04, Fedora 20

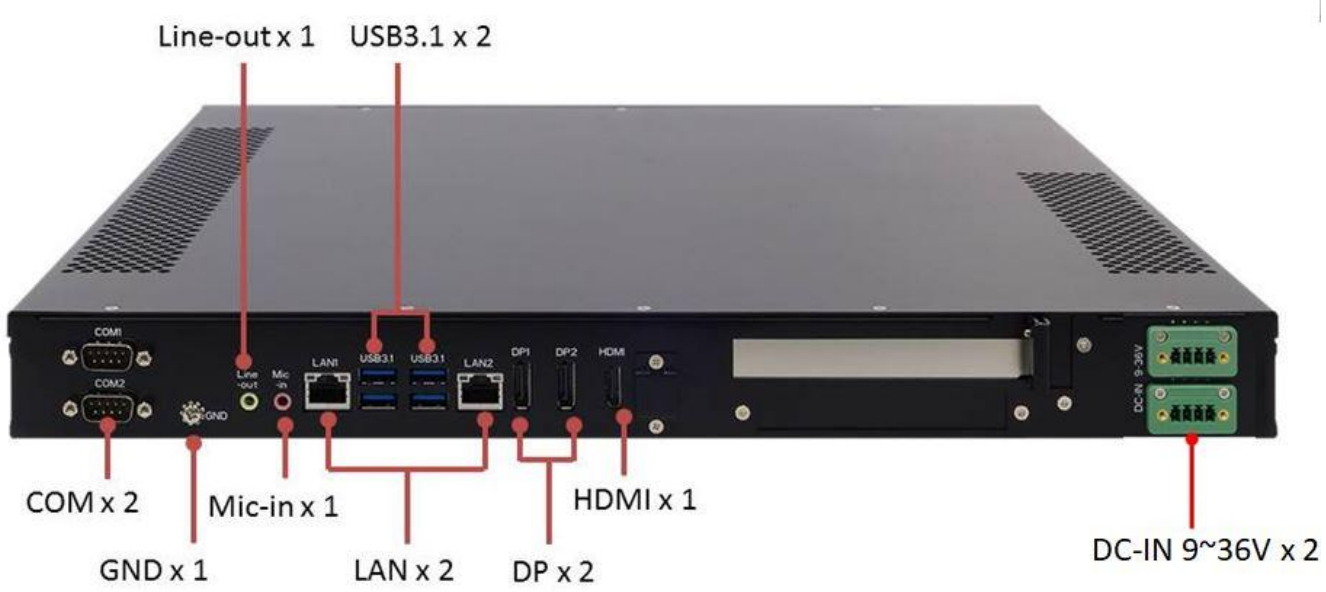
Physical

Dimensions (W x D x H)	440 x 430 x 44 mm
Weight	8.92 kg
Chassis	SECC
Heatsink	Aluminum Alloy, Corrosion Resistant
Finish	Anodic aluminum oxide

Environmental

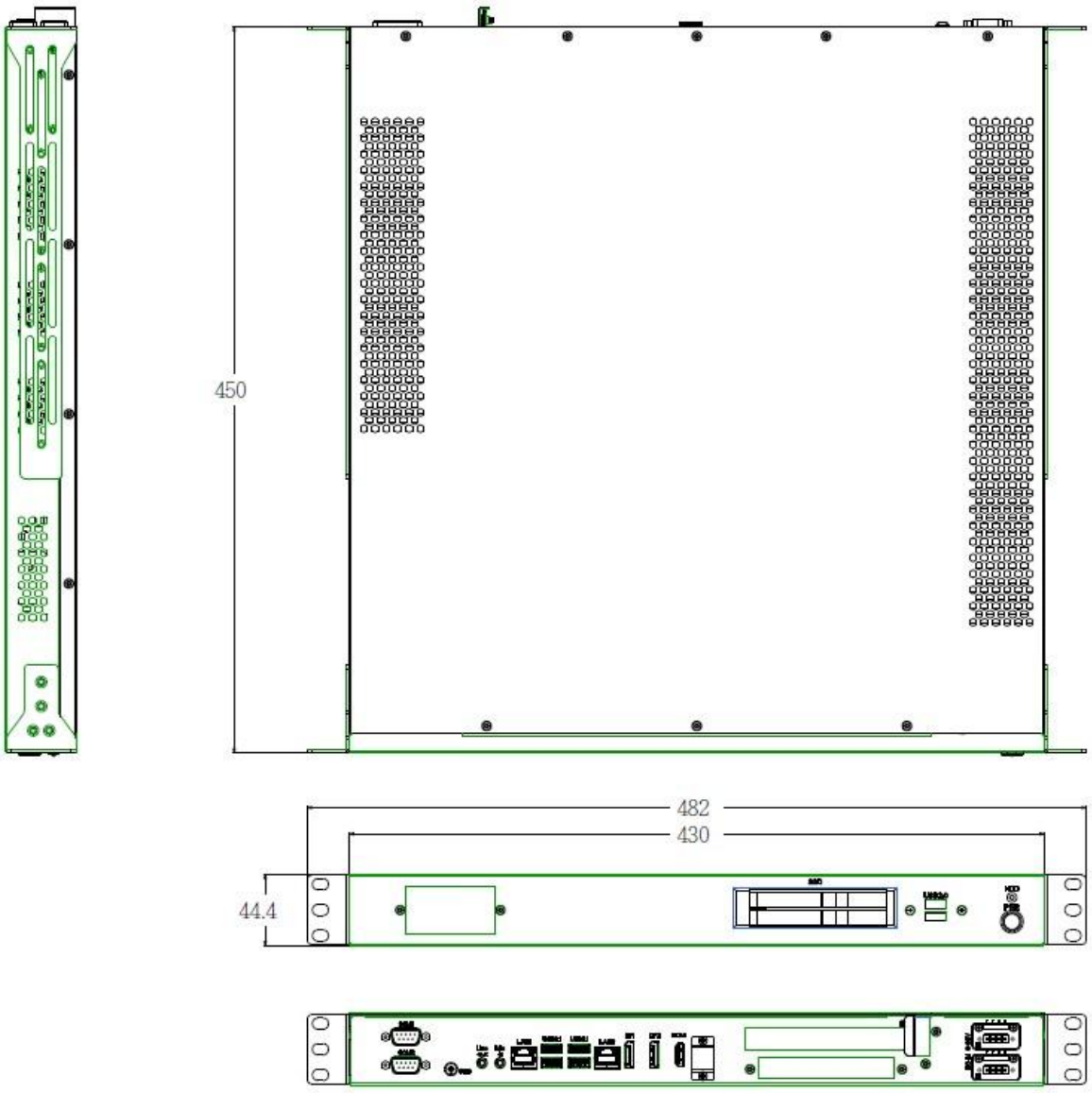
MIL-STD-810G Test	Method 507.5, Procedure II (Temperature & Humidity) Method 501.5, Procedure I (Storage/High Temperature) Method 501.5, Procedure II (Operation/High Temperature) Method 502.5, Procedure I (Storage/Low Temperature) Method 502.5, Procedure II (Operation/Low Temperature) Method 503.5, Procedure I (Temperature shock)
Green Product	RoHS compliance
Operating Temperature	w/o Graphic Card (ET: -20 to 60°C; UT: -30 to 70°C) ; w/Graphic Card (0°C to 50°C)
Storage Temperature	-30°C to 85°C
Relative Humidity	5% to 95%, non-condensing
EMC	CE and FCC compliance

APPEARANCE


Line-out x 1
USB3.1 x 2
COM x 2
GND x 1
Mic-in x 1
LAN x 2
DP x 2
HDMI x 1
DC-IN 9~36V x 2

SSD
USB2.0
HDD
PWR
SSD
USB2.0 x 2
Power Button

Dimensions



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