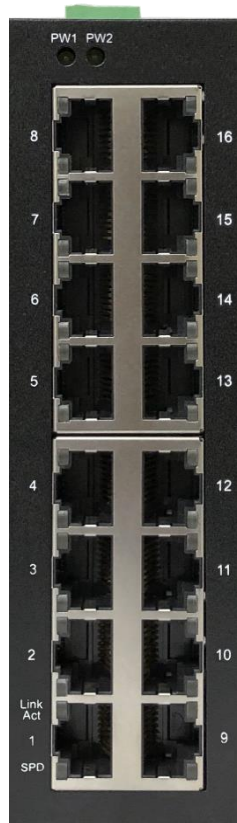


# NTIOT-CM-ES-UM-16-T



## Features

- 16x Gigabit Ethernet ports
- Built for harsh environments and wide temperature range application
- DIN-Rail Mounting

## Specifications

Technology	Description
Standards	IEEE 802.3 10BaseT IEEE 802.3u 100BaseTX IEEE 802.3ab 1000BaseT
Processing Type	Store and Forward

Switch Properties	Description	Switch Properties	Description
Switch Fabric	32Gbps	MAC Table Size	8K
Packet Buffer	4Mbits		

Interface	Description	
RJ45 Port	16x 10/100/1000T(x), auto negotiation speed duplex mode, auto MDI/MDI-X	
PoE Pin Out	V+, V+, V-, V-, for pin 1, 2, 3, 6, Endspan, MDI Mode A	
LED Indicators	Per unit	PWR1, PWR2
	Ports	1G (Green), Link/Active (Green)

Power Requirements	Description
Operation Voltage	12-48VDC, redundant dual inputs
Connection	1x removable 6-contact terminal block
Power Consumption	10W
Protection	Overload Current Protected, Reverse Polarity Protected

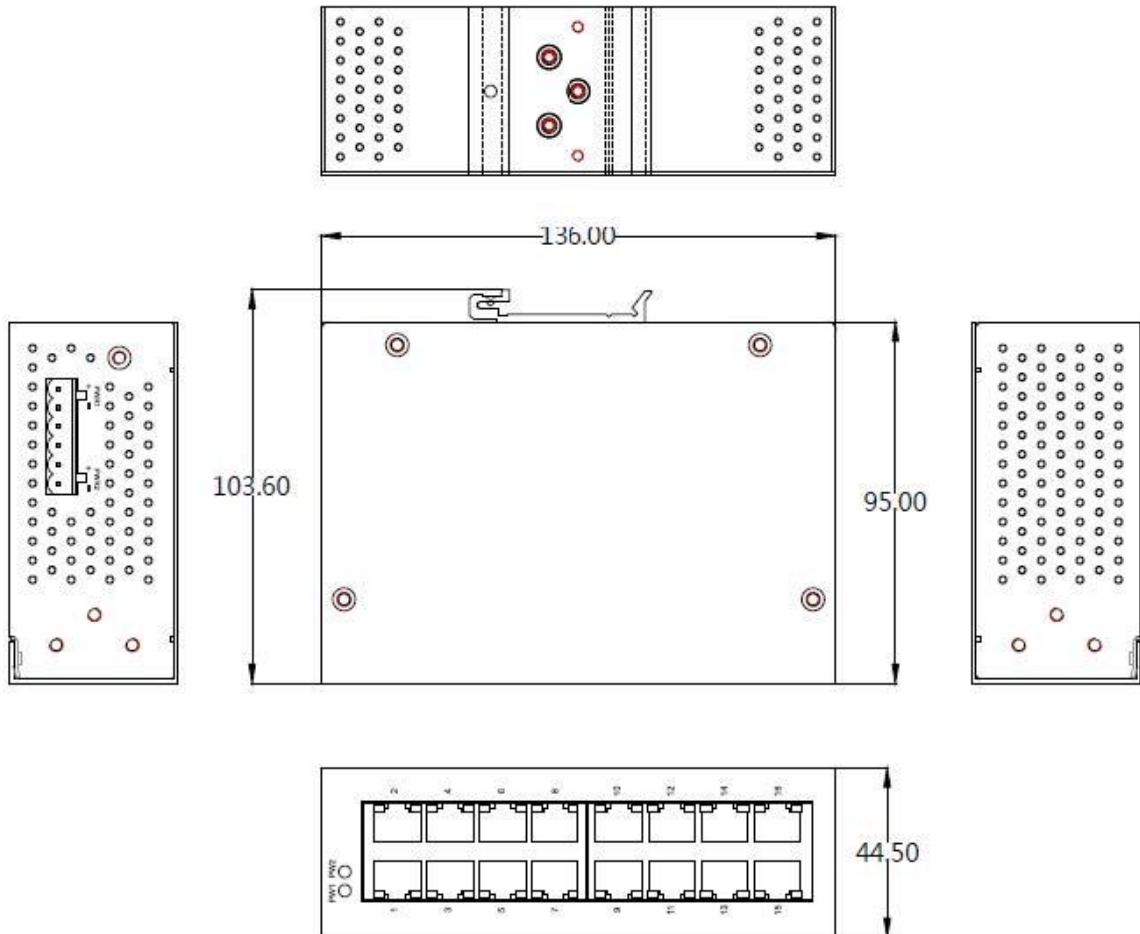
Mechanical Construction	Description	Mechanical Construction	Description
Enclosure	Metal casting	Weight	0.5 kg
Dimensions	45Wx136Hx95D mm	Mounting	DIN-Rail Mounting

Environmental Limits	Description
Operating Temperature	-40°C ~ 75°C (-40°F ~ 167°F)
Storage Temperature	-40°C ~ 85°C (-40°F ~ 185°F)
Ambient Relative Humidity	10 to 90%, (Non-Condensing)

Regulatory Approvals	Description	
EMI	FCC Part 15 Subpart B Class A CE EN 55032 Class A	
EMS	IEC61000-4-2 (ESD) IEC61000-4-3 (RS) IEC61000-4-4 (EFT)	IEC61000-4-5 (Surge) IEC61000-4-6 (CS) IEC61000-4-8 (Magnetic Field)
Free Fall	IEC60068-2-32	
Shock	IEC60068-2-27	

Vibration	IEC60068-2-6
Green	RoHS Compliant
MTBF	>100,000 hours
Warranty	5 Years

## Dimensions



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