

ES-1600G

16 Port Industrial Unmanaged Gigabit Ethernet Switch



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



Specifications

Technology

Standards	IEEE 802.3 10BaseT
	IEEE 802.3u 100BaseTX
	IEEE 802.3ab 1000BaseT

Processing Type	Store and Forward
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Switch Properties

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

RJ45 Port	16x 10/100/1000T(x), auto negotiation speed duplex mode, auto MDI/MDI-X
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LED Indicators	Per unit: PWR1, PWR2 Ports: 1G (Green), Link/Active (Green)
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Power Requirements

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

Enclosure	Metal casting
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Dimensions	45x136x95 mm (WxHxD)
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Weight	0.5 kg
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Mounting	DIN-Rail Mounting
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Environmental Limits

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

EMI	FCC Part 15 Subpart B Class A CE EN 55032 Class A
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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)
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Free Fall	IEC60068-2-32
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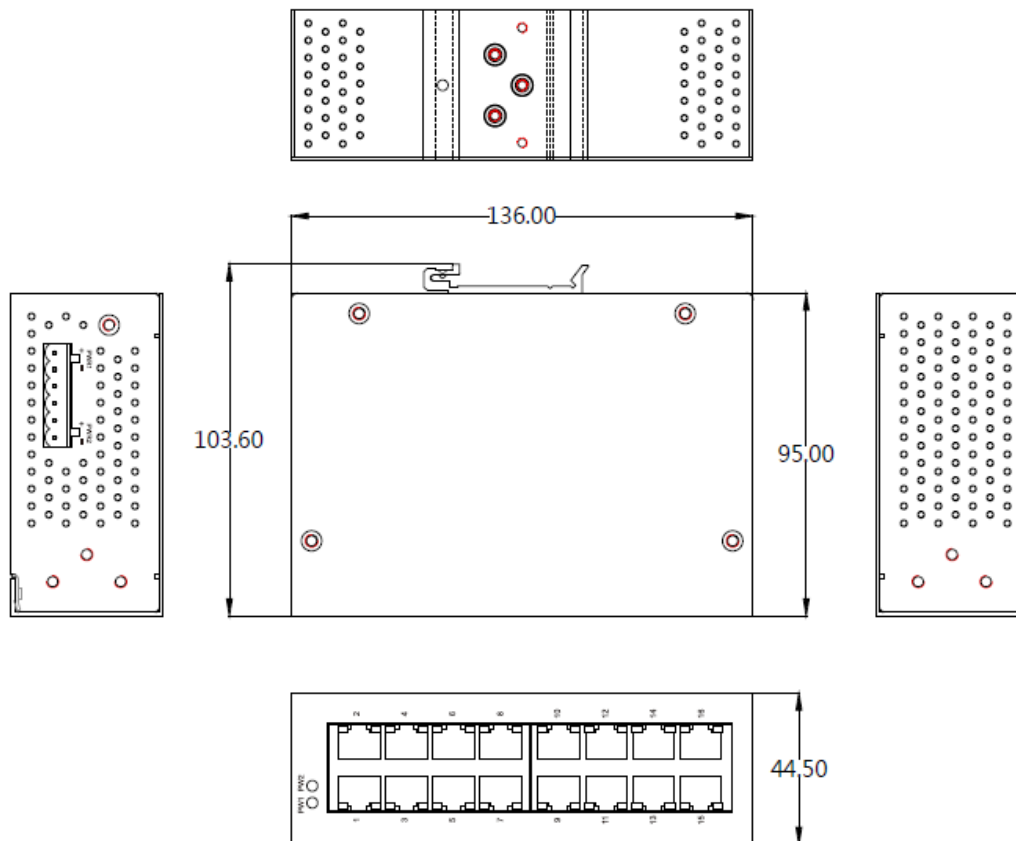
Shock	IEC60068-2-27
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Vibration	IEC60068-2-6
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Features with star(*) implies those are under development.

In a continuing effort of improvement and updated technology, product specifications are subject to change without notice.

Dimensions (unit = mm)



Ordering Information

ES-1600G-T

- 16 Port Industrial Unmanaged Gigabit Ethernet Switch
- 16x 10/100/1000T(x)
- Operating Temperature: -40°C ~ 75°C (-40°F ~ 167°F)

Optional Accessories

NDR-75-24 75W Industrial DIN-Rail Power Supply, 24VDC (metal case)

NDR-75-48 75W Industrial DIN-Rail Power Supply, 48VDC (metal case)