

5-Port Unmanaged Industrial Network Switch, 100/1000 Ethernet, DIN Rail/Wall-Mountable, Rugged IP30 Gigabit Switch, -40F-167F, 9~60V DC, TAA Compliant

**Product ID:** I51G-ETHERNET-SWITCH



This unmanaged, fanless network switch delivers silent, energy-efficient performance with five multi-speed Ethernet ports (10/100/1000 Mbps). Its durable all-metal casing ensures long-lasting reliability.

Expand your network connectivity with simple plug-and-play setup. This network switch is ideal for large file transfers, streaming, network sharing and storage, or other bandwidth-intensive applications. Auto-negotiation detects the highest supported speeds on your devices for maximum performance and compatibility.

This TAA compliant unmanaged switch features an unintrusive design and small dimensions (3.9x2.3x1 inch / 100.5x60x 25.5mm). Key features such as 9K Jumbo Frames, 3-Pin Terminal Block Power Input, QoS IEEE 802.1p, and the included DIN Rail and Wall Mounting Kits give you the flexibility to use it in a multitude of scenarios. The rugged metal enclosure is IP30 rated to prevent objects larger than 2.5mm from getting inside and has an extended operating temperature range of -40F-167F (-40C-75C). The clear diagnostic LEDs show the status of the devices at a glance.

This network switch is deal for industrial settings and centralized control stations where device reliability is essential and environmental conditions fluctuate. The compact form factor makes it an ideal solution for Industrial Automation and IP Surveillance.

## Certifications, Reports and Compatibility



## Applications

- Expand the number of available ports on a network
- Connect computers, printers, and other network devices in a small office or home office

## Features

- UNMANAGED 5-PORT GIGABIT SWITCH: Expand network connectivity with simple plug-and-play setup; 5x 10/100/1000Mbps RJ45 ports; Auto-negotiates speed; Level 4 ESD Protection; 3-Pin Terminal Block Power Input (9-60V DC); Fanless silent design; TAA Compliant
- DESIGNED FOR HARSH ENVIRONMENTS: IP30 Rated Unmanaged Industrial Ethernet Switch with Over Current Protection auto-negotiates speed; Rugged metal enclosure rated for an extended operating temp range: -40F-167F (-40C-75C)
- ENHANCED NETWORK PERFORMANCE: Switching capacity of 10Gbps; 9K Jumbo Frame for reduced packet overhead; Quality of Service (QoS)/Broadcast Storm Protection (BSP) improves network performance; Front-facing diagnostic link/activity LEDs on each RJ45 port
- VERSATILE MOUNTING OPTIONS: Compact case design uses minimal space when installed on or under a work surface; Wall or DIN Rail mountable using the included Mounting Ears or DIN Rail Mounting Kit
- INDUSTRIAL APPLICATIONS: Designed for demanding environments, including industrial settings & centralized control stations where device reliability is essential; Compact form factor makes it an ideal solution for Industrial Automation and IP Surveillance

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### Hardware

Warranty	2 Years
Ports	5
Interface	RJ45 (Gigabit Ethernet)
Compatible Lock Slot	Kensington Standard Slot (K-Slot)
Industry Standards	IEEE 802.3i 10Base-T, IEEE 802.3u 100Base-TX, IEEE 802.3ab 1000Base-T
	IEEE 802.1p (QoS)
	IEEE 802.3x (Full-Duplex)
Chipset ID	Realtek - RTL8367N

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### Performance

Wake On Lan	Yes
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Maximum Data Transfer Rate	1 Gbps
Compatible Networks	10/100/1000 Mbps
Auto MDIX	Yes
PXE	Yes
Full Duplex Support	Yes
Jumbo Frame Support	9K max.
Promiscuous Mode	No
Switching Architecture	Store-and-Forward
MTBF	556,710 hrs

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**Connector(s)**

Connector Type(s)	5 - RJ-45
	1 - Terminal Block (3 Wire)

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**Software**

OS Compatibility	OS Independent; No additional drivers or software required
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**Indicators**

LED Indicators	5 - Top Row LEDs - Green
	5 - Bottom Row LEDs - Green

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**Power**

Power Source	Terminal Block
Input Voltage	9 ~ 60 DC
Plug Type	Terminal Block (3 Wire)

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**Environmental**

Operating Temperature	-40C to 75C (-40F to 167F)
Storage Temperature	-40C to 85C (-40F to 183F)
Humidity	5~95% RH (Non-condensing)

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**Physical Characteristics**

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Color	Black
Material	Metal
Product Length	4.0 in [10.0 cm]
Product Width	2.4 in [6.0 cm]
Product Height	1.0 in [2.6 cm]
Weight of Product	7.8 oz [221.7 g]

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#### Packaging Information

Package Quantity	1
Package Length	6.3 in [15.9 cm]
Package Width	4.4 in [11.1 cm]
Package Height	2.3 in [5.8 cm]
Shipping (Package) Weight	10.8 oz [306.0 g]

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#### What's in the Box

Included in Package	1 - Gigabit Switch
	1 - 3-Pin Terminal Block
	1 - DIN Rail Mounting Kit
	1 - Mounting Ear Kit
	1 - Quick-Start Guide

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#### Warranty Information

Warranty	2 Years
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***\*Product appearance and specifications are subject to change without notice.***