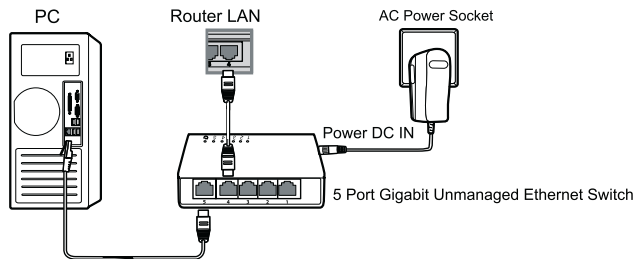# rocstor®

User Manual

JetConnect JC05

Y10S001-B1

**5-Port Gigabit Desktop / Wallmount
Unmanaged Switch, 5x 10/100/1000 RJ-45 Ports,
Fanless, TAA Compliant**

Application

The JetConnect JC5 5 Port Gigabit Unmanaged Ethernet Switch caters to a wide range of applications, including small home offices, schools, and small/medium enterprises. With its full gigabit capacity, this switch serves as an ideal solution for upgrading to gigabit speed and fulfilling high bandwidth demands. It offers five 10/100/1000 Mbps adaptive Ethernet ports, all of which support full line speed, non-blocking switching, and port auto flip functionality.

PC   Router LAN   AC Power Socket

Power DC IN

5 Port Gigabit Unmanaged Ethernet Switch

Features

• Conforms to IEEE 802.3, IEEE 802.3u, IEEE 802.3ab.
• Provides 5 10/100/1000Base-T ports.
• High back-plane bandwidth 10 Gbps.
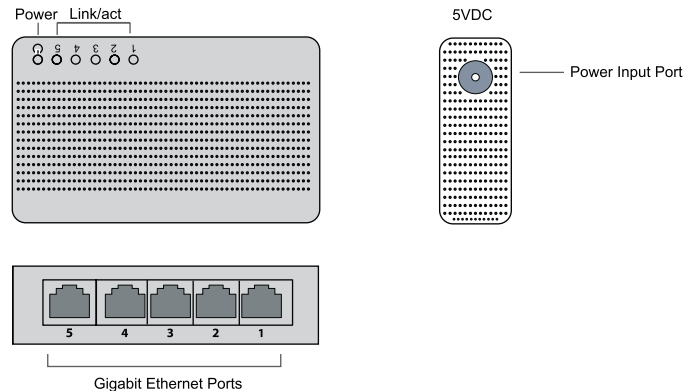• IEEE 802.3x Flow control.

Package Content

Please check the following items before installation. If any items are missing, please contact Rocstor or the installing company.

• 1x JetConnect JC05
• 1x Power adapter
• 1x User manual

Board Diagram

JetConnect JC5 5- Port Gigabit Unmanaged Ethernet Switch

Power Link/act   5VDC

Power Input Port

Gigabit Ethernet Ports

Installation Steps

1- Before installation, ensure both the power signal and the display device's power are turned off. Installing with power on can lead to equipment damage.
2- Connect your PC or any other wired equipment that requires connection to the provided equipment using a network cable.
3- Use a network cable to establish a connection between the equipment's uplink port and the router LAN.
4- Now, plug in the power adapter.
5- Double-check the installation for accuracy, ensuring the equipment is in good condition and the connections are stable. Once verified, proceed to power on the system.
6-Confirm that the Ethernet equipment has power and is functioning correctly. Following these steps diligently will lead to a successful installation, ensuring the safety and proper functioning of your equipment.
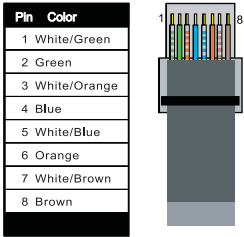
Troubleshooting

• Ensure that the equipment is installed following the guidelines provided
  by the manufacturer's installation guide.
• Verify that the RJ45 cable order adheres to the EIA/TIA 568A or 568B
  standard.
• If there are concerns about the equipment's functionality, try replacing it with
  properly functioning 5 Port Network Switch to ascertain if the
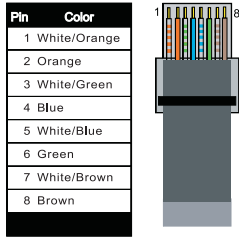 original equipment is damaged.

Plug Producing Method

Instruments to be used: wire crimper, network tester and wire sequence of RJ45 plug
should conform with EIA/TIA568A or 568B.

1. Please remove 2cm of the insulating layer and bare 8 pairs UTP cable.
2. Separate the 8 pairs of UTP cable and straighten.
3. Line up the 8 pieces of cables per EIA TIA 568A or 568B.
4. Cut off the cables to leave 1.5cm bare wire.
5. Plug 8 cables into RJ45 plug make sure each cable is in each pin.
6. Use the wire crimper to crimp.
7. Repeat above steps to make additional ends.
8. Use network tester to test the cable.

Pin	Color
1	White/Green
2	Green
3	White/Orange
4	Blue
5	White/Blue
6	Orange
7	White/Brown
8	Brown

EIA/TIA 568A

Pin	Color
1	White/Orange
2	Orange
3	White/Green
4	Blue
5	White/Blue
6	Green
7	White/Brown
8	Brown

EIA/TIA 568B

⚠ *When choosing an RJ45, ensure that if one end is EIA/TIA568A, the other end is also EIA/TIA568A.*
When choosing an RJ45, ensure that if one end is EIA/TIA568B, the other end is also EIA/TIA568B.

Specification

Item		Description
Power	Power Supply	External Power Supply
	Voltage Range	5VDC
	Consumption	2W
Ethernet	Speed	1-5 Port: 10/100/1000 Mbps
	Transmission Distance	328 ft. (100 meters)
Network Switch	Ethernet Standard	IEEE 802.3 / 802.3u / 802.3ab
	Switching Capacity	10 Gbps
	Transfer Rate	14,880 pps for 10 Mbps 148,800 pps for 100 Mbps 1,488,000 pps for 1000 Mbps
	MAC Address	2K MAC address table
LINK / ACT	On Green	The port is connecting
	Blinks -	The port is receiving or transmitting data
	Off -	The port is not linked successfully with the device
Working Environment	Working TTemperature	0°C~40°C (32°F~104°F)
	Storage Temperature	-40°C~70°C (-40°F~158°F)
	Humidity non-condensing	0~85%
Mechanical	Dimension L x W x H	3.66" x 2.66" x 0.88"
		93 x 67.5 x 22.3 mm
	Color	Black

Specifications are subject to change without prior notice.

C ® US
UL
LISTED
E502396
Model:S7005

Warranty Information

This product is backed by a (5) five-year warranty. Rocstor warrants its
products against defects in materials and workmanship for the periods
noted, following the initial date of purchase. During this period, the
products may be returned for repair, or replacement with equivalent
products at our discretion. The warranty covers parts and labor costs only.
Rocstor does not warrant its products from defects or damages arising from
misuse, abuse, alteration, or normal wear and tear.

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indirect, special, punitive, incidental, consequential, or otherwise), loss of
profits, loss of business, or any pecuniary loss, arising out of or related to
the use of the product exceed the actual price paid for the product. Some
states do not allow the exclusion or limitation of incidental or consequen-
tial damages. If such laws apply, the limitations or exclusions contained in
this statement may not apply to you.

Support

Technical support is available to all the registered users of Rocstor products.

Technical Support / RMA
Hours: 9:00 am - 5:00 pm PST
Monday to Friday (except holidays)

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Fax: +1 (818) 875-0002
Email: support@Rocstor.com

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