Unmanaged 2.5G Switch - 5 Port Gigabit Switch - 2.5GBASE-T Unmanaged Ethernet Switch - Ethernet Splitter - Din Rail or Wall Mount - Multi-Gigabit - Auto-MDIX - 9K Jumbo

Product ID: DS52000

The unmanaged network switch offers five multi-speed Ethernet ports (10/100/1000/2500 Mbps) in a compact and durable all-metal casing while remaining silent and energy-efficient (IEEE 802.3az). The network switch is the ideal solution to dramatically speed up your network to support 2.5GBASE-T, and being an unmanaged switch, you can set it up in no time.

This network switch allows you to use existing Cat5e/Cat6/Cat6a cabling to increase the bandwidth to 2.5 Gbps, ideal for large file transfers, streaming, network sharing/storage, or other bandwidth-intensive applications. Auto-negotiation detects the highest supported speeds on your devices for maximum performance and compatibility. You can also use it in combination with Wi-Fi 6 (802.11ax) wireless access points to expand your network range, bandwidth, and accessibility.

The 2.5G switch offers a security K-slot for more permanent and secure setups (cable not included). The unintrusive design and small dimensions (6.1x4.7x1.1 inch / 155x120x30 mm) make it easily adaptable to any deployment and has clear diagnostic LEDs that show the status of the devices at a glance. Additional features such as 9K jumbo frames, full-duplex, 16K MAC address table, QoS IEEE 802.1p, and wall mounting kit give you the flexibility to use it in a multitude of scenarios.

The DS52000 is backed for 2-years by StarTech.com, including free lifetime 24/5 multi-lingual technical assistance.

Certifications, Reports and Compatibility

Applications

Features

• BOOST YOUR BANDWIDTH: The 5 port network switch supports four speeds 10/100/1000/2500 Mbps over Ethernet Cat5e/Cat6/Cat6a cable. Reduce wait times for content sharing, media streaming, 802.11ax access points, NAS, or other high bandwidth applications

• HASSLE-FREE: Quickly and easily add support for up to 2.5GBASE-T speeds for enhanced data transfer rates. The unmanaged switch requires no setup, automatically determines the best speed for the devices connected, and has clear front-facing diagnostic LEDs

• SPECIFICATIONS: 5 port multi-gigabit switch 10/100/1000/2500 Mbps auto-negotiation Unmanaged 0C to 50C operating temp. All-metal housing 9K Jumbo frame support Wall mounting kit Diagnostic LEDs Fanless Power adapter included (12VDC/1A)

• FLEXIBLE DEPLOYMENT: The compact, all-metal case design uses minimal space on your desk or use the included kit to mount it to a wall. For enhanced security, the LAN switch has a k-slot as well. The non-disruptive fanless design makes it ideal for SoHo

• STARTECH.COM ADVANTAGE: IT professionals' choice for over 30 years, this unmanaged ethernet switch is backed for 2-years by StarTech.com, including free lifetime 24/5 multi-lingual technical assistance

Hardware		
	Warranty	2 Years
	Ports	5
	Interface	RJ45 (2.5G Ethernet)
	Compatible Lock Slot	Kensington Standard Slot (K-Slot)
	Industry Standards	IEEE 802.3 10BASE-T, IEEE 802.3u 100BASE-TX, IEEE 802.3ab 1000BASE-TX, IEEE 802.3bz 2.5GBASE-T
		IEEE 802.3az Energy Efficient Ethernet (EEE)
		IEEE 802.1p (QoS)
		IEEE 802.3x (Full-Duplex)
	Chipset ID	Realtek RTL8371
		Realtek RTL8226B

Performance

Maximum Data Transfer Rate	2.5 Gbps
Maximum Cable Length	3937.0 in [100000 mm]
Max Distance	100 m / 330 ft
Flow Control	IEEE 802.3x Full-Duplex
Compatible Networks	2.5G/1G/100Mbps/10Mbps
Auto MDIX	Yes
Full Duplex Support	Yes
Jumbo Frame Support	9K max.
Switching Architecture	Store-and-Forward

Connector(s)

Connector Type(s)	5 - RJ-45
	1 - 12V DC

Software

OS Compatibility	OS Independent; No additional drivers or software required

Indicators

LED Indicators	1 - Power LED - Green
	5 - Top Row LEDs - Green
	5 - Bottom Row LEDs - Green

Power

Power Source	AC Adapter Included
Input Voltage	100 - 240 AC
Input Current	0.5 A
Output Voltage	12V DC
Output Current	1.0 A
Center Tip Polarity	Positive

	Plug Type	M

Environmental

	Operating Temperature	0C to 45C (32F to 113F)
	Storage Temperature	-20C to 60C (-4F to 140F)
	Humidity	10~90% RH

Physical Characteristics

	Color	Black
	Material	Steel
	Product Length	4.7 in [12.0 cm]
	Product Width	6.1 in [15.5 cm]
	Product Height	1.2 in [3.0 cm]
	Weight of Product	1.4 lb [0.6 kg]

Packaging Information

	Package Length	5.3 in [13.5 cm]
	Package Width	11.2 in [28.5 cm]
	Package Height	2.8 in [7.0 cm]
	Shipping (Package) Weight	2.1 lb [1.0 kg]

What's in the Box

	Included in Package	1 - Ethernet Switch
		1 - Universal Power Adapter
		1 - Wall Mounting Kit
		1 - Quick-Start Guide

Product appearance and specifications are subject to change without notice.