

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 (802.11 ax) 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

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## 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<br><br>IEEE 802.3az Energy Efficient Ethernet (EEE)<br><br>IEEE 802.1p (QoS)<br><br>IEEE 802.3x (Full-Duplex) |
| Chipset ID           | Realtek RTL8371<br><br>Realtek RTL8226B  |

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**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       |

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**Connector(s)**

|                   |                         |
|-------------------|-------------------------|
| Connector Type(s) | 5 - RJ-45<br>1 - 12V DC |
|-------------------|-------------------------|

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**Software**

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

|                |  |
|----------------|--|
| LED Indicators | 1 - Power LED - Green<br>5 - Top Row LEDs - Green<br>5 - Bottom Row LEDs - Green |
|----------------|--|

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**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 |
|-----------|---|

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**Environmental**

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

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**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]  |

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**Packaging Information**

|                           |                   |
|---------------------------|-------------------|
| Package Quantity          | 1                 |
| 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]   |

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**What's in the Box**

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

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