5-Port Switch with 4 x 2.5G Ethernet Ports and 1 SFP+ Uplink

Four 10/100/1000/2500 Mbps RJ45 Ports, One 10G SFP+ Open Slot, Unmanaged, Desktop Format, Wall-mount Option
Part No.: 562058

EAN-13: 0766623562058 | UPC: 766623562058

Next-gen 2.5 Gbps Desktop 4+1 Port Network Switch - Supports 10/100/1000/2500 Mbps and 10G Uplink

The 5-Port Switch with 4 x 2.5G Ethernet Ports and 1 SFP+ Uplink from Intellinet Network Solutions passes data to a number of end devices. Equipped with four multi-gigabit Ethernet copper ports, this Switch can deliver network speeds up to 2500 Mbps.

Eliminate bottlenecks with 2.5G capability - great for high-bandwidth Wi-Fi 6 IEEE 802.11ax Access Points and more

Since at least the arrival of Wi-Fi 6 (but even with legacy Wi-Fi 5 [802.11ac]), "regular" Gigabit Ethernet ports have been at their bandwidth limits when connecting to wireless networks. This Switch's ability to support 2.5GBASE-T means it can deliver data to wireless APs faster and better accommodate other higher-bandwidth devices in your enterprise network.

10 Gigabit Ethernet (IEEE 802.3ae) on the SFP+ Uplink

Equipped with a 10G SFP+ open slot, this switch is the ideal solution for cost-sensitive organizations considering 10 Gigabit Ethernet. With 10G technology going mainstream and becoming ever more popular, the need for additional bandwidth has become more urgent than ever - even in smaller networks. Whether you wish to connect servers, network-attached-storage units or NVRs at 10 Gbps, or even simply connect to another gigabit switch without resorting to LACP techniques, 10G provides the solution. And in case you are not quite ready for 10G just yet, it will happily take standard 1G SFP transceiver modules until the time is right for you to make the switch.

Features:

- Four ultra-fast 2.5GBASE-T RJ45 Ethernet ports, IEEE 802.3bz compliant
- 10/100/1000/2500 Mbps auto-sensing ports that automatically detect optimal network speeds
- One small-form-factor pluggable SFP/SFP+ module slot for 10G uplink capability
- 40 Gbps switch fabric / switching capacity
- Backward compatible with 10/100/1000 Mbps devices
- Auto-MDIX and NWay auto-negotiation support on all RJ45 ports
- Supports jumbo frames up to 12 kBytes
- Store and forward switching architecture
- Supports 802.3x flow control for full duplex mode and collision-based backpressure for half duplex mode
- Supports 4k MAC address entries with Auto-learning and Auto-aging
- Buffer memory of 8.1 Mbits
- Compact desktop format with rugged metal housing
- LEDs for power and link/activity
- Fanless design for silent operation
- Desktop-size metal case
- Built-in wall-mounting holes and four rubber feet for desktop use
- Fully NDAA-compliant
- Three-year warranty

Specifications:

Standards
- IEEE 802.3 (10Base-T Ethernet)
- IEEE 802.3ab (Twisted Pair Gigabit Ethernet)
- IEEE 802.3u (100Base-TX Fast Ethernet)
- IEEE 802.3x (flow control for full duplex mode)
- IEEE 802.3bz (2.5GBASE-T Ethernet)
- IEEE 802.3ae (10 Gigabit Ethernet over fiber)

General
- Media support:
  - 10Base-T Cat3/4/5/5e/6/6a UTP/STP RJ45
  - 100Base-TX Cat5/5e/6/6a UTP/STP RJ45
  - 1000Base-T Cat5e/6/6a UTP/STP RJ45
  - 2.5GBase-T Cat5e/Cat6/6a UTP/STP RJ45
- MAC address table: 4k
- Buffer memory: 8.1 Mbits
- Forwarding rate: 29.76 Mpps
- Backplane speed / switch fabric: 40 Gbps
- Switch architecture: store and forward
- Certifications: FCC, CE, RoHS, UKCA

LEDs
• Power
• Link/Act

Power
• Included external power adapter:
  - Input: 100.0 - 240.0 VAC, 50 - 60 Hz, 12.0 W
  - Output: DC, 12.0 V, 1.0 A

Physical
• Metal housing
• Dimensions (L x W x H): 102 x 162 x 28 mm (4.02 x 6.38 x 1.1 in.)
• Net weight: 400 g (0.8 lbs.)
• Gross weight: 600 g (1.32 lbs.)
• Operating temperature: 0 - 40°C (32 - 104°F)
• Storage temperature: -40 - 70°C (-4 - 194°F)
• Operating humidity: 10 - 90% RH, non-condensing
• Storage humidity: 5 - 90% RH, non-condensing

Package Contents
• 5-Port Switch with 4 x 2.5G Ethernet Ports and 1 SFP+ Uplink
• Power adapter
• Power cable
• Instructions