



6-Port Switch with 4 x 2.5G Ethernet Ports and 2 RJ45 10G Uplinks

Four 10/100/1000/2500 Mbps RJ45 Ports, Two 10G RJ45 Uplink Ports, Unmanaged, Desktop Format, Wall-mount Option

Part No.: **562263**

EAN-13: 0766623562263 | UPC: 766623562263

Next-gen 2.5 Gbps Desktop 4+2 Port Network Switch - Supports 10/100/1000/2500 Mbps and 10G Uplinks

The 6-Port Switch with 4 x 2.5G Ethernet Ports and 2 RJ45 10G Uplinks 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 6/7 Access Points and more

Since the arrival of Wi-Fi 6 (IEEE 802.11ax) or even Wi-Fi 7 (IEEE 802.11be) APs, "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 on the RJ45 Uplinks for High-Speed Backbone Connectivity

Equipped with two 10G RJ45 uplinks, 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.

Features:

- Four high-speed 2.5GBASE-T RJ45 Ethernet ports, IEEE 802.3bz compliant
- 10/100/1000/2500 Mbps auto-sensing ports that automatically detect optimal network speeds
- Two RJ45 ports with 10G uplink capability
- 60 Gbps switch fabric / switching capacity
- Future-proof high-bandwidth connection; ideal for 2.5G servers, NAS devices, and Wi-Fi 6/7 access points
- 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
- Built-in wall-mounting holes and four rubber feet for desktop use
- Fully TAA-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)

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: 44.64 Mpps
- Backplane speed / switch fabric: 60 Gbps
- Switch architecture: store and forward
- Certifications: FCC, CE, RoHS, REACH, UKCA, TAA

LEDs

- Power
- Link/Act

Power

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

Physical

- Metal housing
- Dimensions (D x W x H): 110 x 160 x 26 mm (4.33 x 6.3 x 1.02 in.)
- Net weight: 560 g (1.23 lbs.)
- Gross weight: 760 g (1.68 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

- 6-Port Switch with 4 x 2.5G Ethernet Ports and 2 RJ45 10G Uplinks
- Power adapter
- Instructions



For more information on Intellinet products, consult your local dealer or visit www.intellinet-network.com.

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