

8-Port 10/100/1000Mbps Gigabit Ethernet Switch



The GSD-800 is a 8-Port 10/100/1000Mbps Ethernet switch, utilizing a compact form factor which can be mounted in a 10-inch rack or placed on desktop. With optional rack-mounting kits, it can also be installed in a 19-inch rack.

With a 16Gbps non-blocking, 8k MAC Address table, and 802.3x, full-duplex flow control, the GSD-800 offers wire-speed packet transfer performance without risk of packet loss.

All eight RJ-45 copper interfaces support 10/100/1000Mbps auto-negotiation for optimal speed detection through RJ-45 Category 6, 5 or 5e cables. MDI/MDI-X auto detection is provided for wired connection to any Ethernet device without requiring cross-over cables.

KEY FEATURE

- Complies with IEEE 802.3, 10Base-T, IEEE 802.3u, 100Base-TX and IEEE 802.3ab, 1000Base-T
- IEEE 802.3x, full-duplex flow control compliant; back-pressure, half-duplex flow control
- 10/100/1000Mbps 8-Port Ethernet Switch (RJ-45)
- 8K MAC address table, auto-ageing
- Per port Auto-MDI, MDI-X detection
- Store and Forward switching architecture
- Non-blocking switch fabric
- Automatic source address learning and aging
- 10", 1U height rack mounting size
- 100~240VAC, 50~60Hz universal power input

SPECIFICATION

Product **8-Port 10/100/1000Mbps Gigabit Ethernet Switch**

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|-------------------------------|--|
| Model | GSD-800 |
| Hardware Specification | |
| Network Ports | 8-Port 10/100/1000Base-T auto MDI/MDI-X |
| Dimensions | 217 x 135 x 43.5 mm (W x D x H), 1U height |
| Weight | 1.1kg |
| Power Requirement | 100~240 VAC, 50/60Hz |
| Power Consumption | 21 Watts maximum, 71 BTU/hr |
| Switch Specification | |
| Switch Architecture | Store-and-forward |
| Mac Address Table | 8K entries, auto learning/aging |
| Flow Control | Back pressure for half duplex, IEEE802.3x for full duplex |
| Packet Control | Runt & CRC filtering, Broadcast storm control |
| Switch Fabric | 16G |
| Standards Conformance | |
| Network Standards | IEEE 802.3 (Ethernet) IEEE 802.3u (Fast Ethernet) IEEE 802.3ab IEEE 802.3x (flow control) |
| Operation Temperature | 0~50°C |
| Storage Temperature | -40~70°C |
| Humidity | 10% to 90% (Non-condensing) |
| Regulation Compliance | FCC, CE |

APPLICATIONS
Backbone Switch:

With a non-blocking design and compact size, PLANET's GSD-800 and GSD-800 8-port gigabit Ethernet switch are as easy as install a Fast Ethernet network, and can be used to build a Gigabit high-bandwidth switched network up quickly and easily. You can directly connect to department switches and /or backbone servers.

ORDERING INFORMATION

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| GSD-800 | 8-Port 10/100/1000Mbps Gigabit Ethernet Switch |
| RKE-10A | Rack Mount Kits for 10" cabinet |
| RKE-10B | Rack Mount Kits for 19" cabinet |