

16-Port Fast Ethernet Switch



With the increase in bandwidth requirements for local area networks, PLANET's FNSW-1601 Fast Ethernet Switch is the ideal choice to alleviate bottlenecks in client/server and peer-to-peer environments in a cost effective way.

The Switch provides a combination of 16 Fast Ethernet Switching ports that provide users with high-speed network connections. With its Auto-Negotiation capability, all the RJ-45/STP ports of FNSW-1601 can be configured to speeds of 10/20Mbps or 100/200Mbps automatically. What's more is the MDI / MDI-X auto-detection for easy, plug and play connection, careless the cabling type, straight through or cross-over.

The high performance throughput (filtering / forwarding rate: 14,880 packets per second in 10Mbps, 148,800pps in 100Mbps) and dynamic shared memory buffer, helps FNSW-1601 can boost bandwidth, eliminate unnecessary traffic, and relieve congestion on your critical server path. FNSW-1601 - 16-Port 10/100Base-TX Ethernet Switches, designed for low cost/high performance and ease of installation, should be the choice of your switched networks.

KEY FEATURE

- Comply with IEEE 802.3u, 100Base-TX, IEEE 802.3 10Base-T standards
- 16-Port 100Base-TX Fast Ethernet Switch
- Each switching ports support auto-negotiation -10/20Mbps, 100/200Mbps supported
- Filtering/Forwarding rate: 14880pps for100Mbps, 14880pps for 10Mbps
- High performance Store-and-Forward switching technology
- Runt & CRC filtering eliminates erroneous packets to optimize the network bandwidth
- IEEE 802.3x full-duplex flow control, half-duplex back-pressure flow-control
- Auto MDI / MDI-X on each port for easy switch / hub cascading

SPECIFICATION
Product 16-Port Fast Ethernet Switch

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| Model | FNSW-1601 |
| Standard Compliance | IEEE 802.3 10Base-T, IEEE 802.3u 100Base-TX |
| 10/100Base-TX Ports | 16 |
| Network Speed | TP: Auto-Negotiation, 10/20Mbps, 100/200Mbps |
| Switching Architecture | Store & Forward |
| Filtering / Forwarding Rate | 100Mbps: 148800 packets / second 10Mbps: 14880 packets / second |
| MAC entry | 8K |
| LED Indicators/Port | 2 (Link/Act, 100Mbps) |
| Data Buffer | 512K bit |
| Power Supply | 100~240 VAC auto-sensing |
| Operation Environment | Temperature: 0~50 Degree C (operating) Humidity: 0~90%, non-condensing |
| Dimension (W x D x H) | 444 x 120 x 44 mm |
| Network Media | 100Base-TX: RJ-45 STP/UTP, Category 5 cable 10Base-T: RJ-45 STP/UTP, Category 3~5 cable |
| Certification | FCC class A, CE |

APPLICATIONS
Backbone Switch

With up to 3.2Gbps switching fabric, the FNSW-1601 can easily have the high bandwidth Fast Ethernet network backbone or your workgroup's backbone.

Department Switch

Uplink directly using any straight/crossover cable to the backbone switch provides the connective to back plane yet segment the network traffic of the department to your backbone.

ORDERING INFORMATION

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| FNSW-1601 | 16-Port Fast Ethernet Switch |
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