

## LP-SW1600

### 16 Ports Fast Ethernet Switch.

LPSW1600\_SS\_ENB02W

#### Features

- Complies with IEEE802.3, IEEE802.3u, IEEE802.3x, 802.1p.
- Full / Half Duplex mode.
- Store and Forward Function prevents damaged packets spreading in the network.
- 16 10/100M self-negotiable RJ-45 ports, all are usable as Uplink ports.
- It can achieve the highest 200Mbps bi-directional transmission rate on every port.
- Auto-Shift 10base-T and 100base-TX.
- All ports support IEEE802.3x Full Duplex flow control, and Half Duplex back-pressure flow control.
- MAC address self-learning function, to ensure error-free data transmission.
- Basic board bandwidth: 3.2 Gbps, supplies separate bandwidth for each port to realize real non-blocking transmission 4K MAC Address.
- The LP-SW1600 is Plug and Play, non-manageable, needs no configuration to start working right away from the box.
- The LP-SW1600 has adopted Green Ethernet technology to automatically adjust the signal strength without compromising the performance and effectiveness of equipment operation under the circumstances by detection of cable length and work load in order to reduce energy consumption resulting in protection to the environment.



## LP-SW1600

### 16 Ports Fast Ethernet Switch.

The LanPro LP-SW1600 is a 16-port 10/100Mbps Fast Ethernet Switch ideally suited for Work Group, Department or Backbone computing environments at SME Business, school, net bars, SOHO (Small Office/Home Office).

The Rack-mount size metal case design combined with a safety certified internal power supply makes this Switch a very cost effective and robust solution for 16 or less environments.

The plug-and-play and self-negotiation capabilities allow the LP-SW1600 to auto-detect its link partner, adopting the highest speed possible, reaching 200MHz in the Full Duplex mode.

One port serves as an UpLink for cascading these switches and expand their port capability.

Easy to read LED port indicators are supported for cable installation and normal operation diagnostics. The Switch can be used on desktop and as 19 inch rack-mount by attaching side legs.

## A Technical Specifications.

<b>Standards Compliance</b>	IEEE 802.3 10BASE-T Ethernet, IEEE 802.3u and IEEE 802.3X 100BASE-T Ethernet ANSI/IEEE standard 802.3 NWay auto-negotiation.
<b>Protocol</b>	CSMA/CD.
<b>Switching Capacity</b>	3.2Gbps.
<b>Maximun Forwarding Rate and Maximun Filtering Rate</b>	14,880 pps Ethernet Port, 148,800 pps per Fast Ethernet port.
<b>Mac Address Self learning</b>	Supports.
<b>Mac Address list</b>	8 K.
<b>Fixed port</b>	16 10/100M adaptive RJ45 ports.
<b>LED Indicators</b>	Per port: 10/100M, RJ45: Link/Act, Power.
<b>Cable Type</b>	10Base-T: 3/4/5 class of unshielded twisted pair, maximum transmission distance of 100m, 100Base-TX: 5 unshielded twisted pair, maximum transmission distance of 100m.
<b>Dimensions</b>	Switch: 440mm x 180 mm x 44mm (L x W x H)
<b>Operating Temperature</b>	0 °C to 40 °C
<b>Storage Temperature</b>	-40°C to 70°C
<b>Operating Humidity</b>	10% to 90% (Non condensing)
<b>Power Specification</b>	110-250V AC, 50-60Hz
<b>Maximun power consumption</b>	<6W
<b>EMI</b>	FCC Class A, CE Mark
<b>Packing List</b>	<ul style="list-style-type: none"> <li>• Power cable</li> <li>• LP-SW1600 fast Ethernet switch</li> <li>• Quick Start Guide</li> <li>• Fixation and Screw</li> <li>• Rubber Feet</li> </ul>

## B How to order

### LP-SW1600 16 Ports 10/100 Mbps Fast Ethernet Switch.

LanPro is continuously improving its products and reserves the right to change specifications and availability without prior notice.