

# Lanolinx LNX-800AG

8-Port 10/100/1000T Slim Industrial Switch

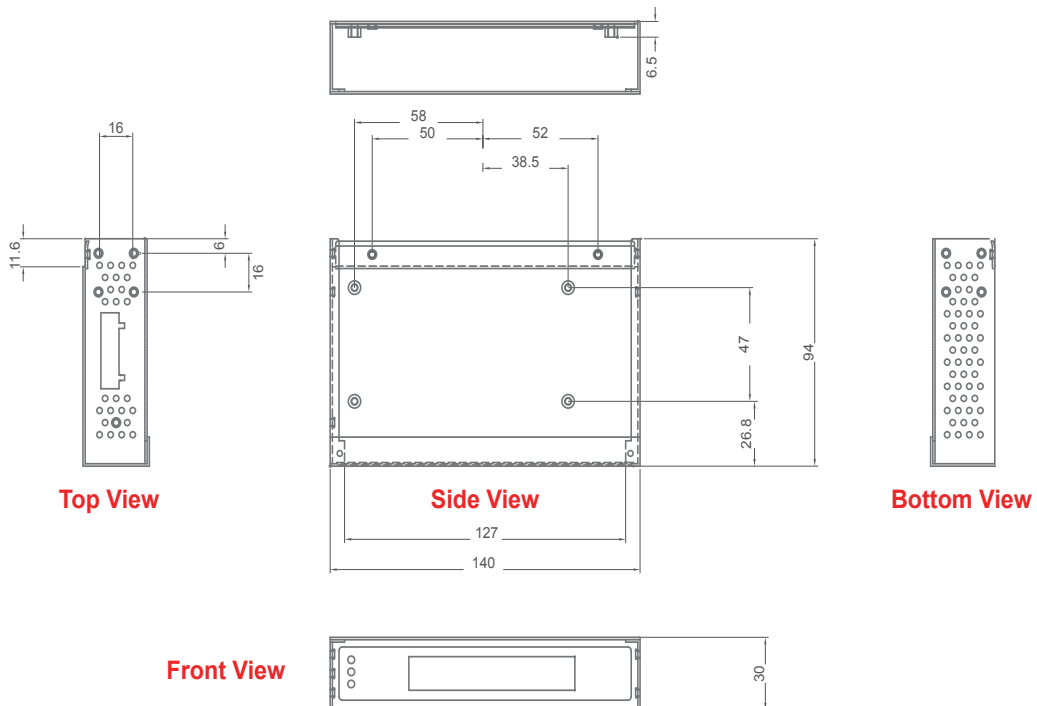


## Features

- ▶ RJ-45 Port Supports Auto MDI/MDI-X Function
- ▶ Store-and-Forward Switching Architecture
- ▶ 16Gbps Back-Plane (Switching Fabric)
- ▶ 176Kbytes Memory Buffer
- ▶ 8K MAC Address Table
- ▶ 9.6Kbytes Jumbo Frame
- ▶ Wide-Range Redundant Power Design
- ▶ Power Polarity Reserve Protect
- ▶ Overload Current Resettable Fuse Present
- ▶ Supports 6000 VDC Ethernet ESD Protection
- ▶ UL Class I, Division 2 Certified
- ▶ IP30 Rugged Aluminum Case Design
- ▶ DIN-Rail and Wall Mount Design
- ▶ 5-Year Warranty



## ▶ Dimensions (unit = mm)



## ► Specifications

### Standard

IEEE 802.3 10BaseT Ethernet  
IEEE 802.3u 100BaseTX  
IEEE 802.3ab 1000BaseT  
IEEE 802.3x Flow Control and Back-Pressure

### Protocol

CSMA/CD

### Switch Architecture

Back-Plane (Switching Fabric): 16Gbps  
Packet Throughput Ability (Full-Duplex): 23.8Mpps @ 64bytes

### Transfer Rate

14,880pps for Ethernet Port  
148,800pps for Fast Ethernet Port  
1,488,000pps for Gigabit Ethernet Port

### Memory Buffer

176 Kbits

### MAC Address

8K MAC Address Table

### Jumbo Frame

9.6 Kbytes

### LED

Unit: Power 1, Power 2, Fault  
Port: Link/Activity, Speed

### Connector

10/100/1000T: 8 x RJ-45

### Network Cable

10BaseT: 2-pair UTP/STP Cat. 3, 4, 5 cable EIA/TIA-568 100-ohm (100m)  
100BaseTX: 2-pair UTP/STP Cat. 5 cable EIA/TIA-568 100-ohm (100m)

### Power Supply

12 ~ 48VDC, Redundant Power with Polarity Reverse Protect Function and Removable Terminal Block

### Power Consumption

7.788 Watts @ 12VDC ; 7.392 Watts @ 48VDC

### Reverse Polarity Protection

Present

### Overload Current Protection

Resettable Fuse, 1.6A

### Mechanical

Casing: IP30 Metal Case  
Dimension (W x H x D): 30 x 140 x 95 mm (1.18 x 5.51 x 3.74 in.)  
Installation: DIN-Rail/Wall Mountable

### Weight

Unit Weight: 1 lbs.  
Shipping Weight: 1.5 lbs.

### Operation Temperature

Standard: -10° C to 70° C (14° F to 158° F)  
Wide Operating Temperature: -40° to 80° C (-40° to 176° F)

### Operation Humidity

5% to 95% (Non-condensing)

### Storage Temperature

-40° C to 85° C

### EMI

FCC Class A  
CE EN6100-4-2 (ESD)  
EN6100-4-3 (RS)  
EN6100-4-4 (EFT)  
EN6100-4-5 (Surge)  
EN6100-4-6 (CS)  
EN6100-4-8  
EN6100-4-11  
EN6100-4-12  
EN6100-6-2  
EN6100-6-4

### Safety

UL/cUL Class I, Division 2  
CE EN60950-1

### Stability Testing

Shock: IEC60068-2-27  
Free Fall: IEC60068-2-32  
Vibration: IEC60068-2-6

### Warranty

5-Year Warranty

## ► Ordering Information

### LNX-800AG

8-Port 10/100/1000T Slim Industrial Ethernet Switch

### LNX-800AG-T

8-Port 10/100/1000T Slim Industrial Ethernet Switch, Wide Operating Temperature

### Optional Accessories

#### DR-4524

45W 24VDC Industrial DIN Rail Power Supply

#### DR-75-24

75W 24VDC Industrial DIN Rail Power Supply

#### DR-120-24

120W 24VDC Industrial DIN Rail Power Supply

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