

Layer 3 Gigabit Ethernet Switches



- * Layer 3 Switching, Supports Static Routing and RIP V1/V2
- * Provide 4 Gigabit Combo Ports and 24 Fast-Ethernet Ports
- * RingOn™ Redundant Ring Technology, Recovery Time within 15ms, Supports RSTP/STP
- * Enriched Management Features: QoS, IGMP snooping/GMRP, VLAN, SNMP V1/V2/V3

Specifications

* Technology

Network Standards:

IEEE802.3 10Base-T

IEEE802.3u 100BaseT(X) and 100BaseFX

IEEE802.3ad 1000Base(X)

IEEE802.3z 1000BaseSX/LX/HLX/ZX

IEEE802.3x Flow Control

IEEE802.1p Classe of Service

IEEE802.1Q VLAN Tagging

IEEE802.1D for Spanning Tree Protocol

IEEE802.1W for Rapid STP

IEEE802.1X for Authentication

IEEE 802.3ad for Port Trunk with LACP

Flow Control: Full/Half Duplex Back Pressure Flow Control

Protocols: SNMP V1/V2/V3, DHCP Server, SNTP, SMTP, IGMP Snooping/GMRP, LACP, RMON, HTTPS, Telnet, Syslog, HTTP

* Switch Properties

Priority Queues: 4

IGMP Groups: 64

Max. Available VLANs: 256

VLAN ID Range:1~4096

*** Interface**

RJ45 Port Connectors:10/100Base(X) or 10/100/1000BaseT(X) Auto-Negotiation

Fiber Port Connectors:1000BaseSX/CX/LHX/ZX(SFP slots, LC connectors)

LED Indicators:Power, Port Status, 10/100/1000M

Console Port:DB9 male

Output Warning:Relay, Standard 2 Pin, 0.5A@24VDC

*** Power Requirements**

Power Inputs:48VDC(8~56VDC); 110/220VAC(85~265VDC);

220VDC(120~370VDC); 110VDC(100~120VDC);

*** Optical Fiber**

Mode	Typical Dist	Wavele ngth	Cable Size	TX Power	Rx Sensitivity	Transmission speed
Multi	2km	1310nm	62.5/125um	-23.5~-14dBm	< -35dBm	10/100/1000M bps
Single	15km	1310nm	9/125um	-15~-8dBm	< -35dBm	10/100/1000M bps

*** Physical Characteristics**

Case: Slim Metal Case, IP40 Design

Dimensions:(W×H×D):443×44×220mm(LAT7000 Series)

Installation:19" rack mounting

*** Environment Limits**

Standard Temp Models:-10°C to 60°C

Extended Temp Models:-40°C to 85°C

Storage Temperature:-40 to 85°C

Ambient Relative Humidity: 10 to 95%(Non-condensing)

*** Ordering Information**

Product Model		Connectors	
Standard Temperature Models(-10℃~60℃)	Extended Temperature Models(-40℃~75℃)	Gigabit-Ethernet Ports	Fast-Ethernet Ports
		10/100/1000BaseT(X) Or 1000Base SFP	10/100BaseT(X)
LAT Series			
LAT16	LAT7016-W		16
LAT20-4G	LAT7020-4G-W	4	16
LAT24	LAT7024-W		24
LAT28-4G	LAT7028-4G-W	4	24