



AT-8326GB

Managed Fast Ethernet Switch

AT-8326GB-xx

24-port 10/100TX stackable managed Fast Ethernet switch with RJ-45 connectors, 2 fixed 1000T ports and 2 GBIC bays

High-performance

Employing a powerful switch fabric and delivering wirespeed performance with a non-blocking architecture, the AT-8326GB passes data packets at an impressive stacked backplane speed of 2.66Gbps—even with 144 ports stacked. This high-performance switch is ideal for small and medium enterprises, multi-unit buildings, hospitality, schools, and universities.

Flexible and Scalable

The AT-8326GB enables network administrators to expand their networks in a variety of ways. This Layer 2 switch can be configured with two fixed copper gigabit ports; two fiber GBIC bays; or one fixed copper port and one fiber GBIC bay. For even more flexibility, the fixed copper gigabit ports can be used at 10MB, 100MB, or 1000MB speeds. Additionally, the GBIC bays can be populated with hot-swappable, plug-and-play fiber GBICs.

Rich Feature Set

The AT-8326GB comes complete with several value-added standards and features, including: IEEE 802.1 Q VLAN tagging, IEEE 802.1 p Prioritization, IEEE 802.3ad Link Aggregation, Group VLAN Registration Protocol (GVRP), Port Security, and Port Mirroring. Based on IEEE 802.3ad, the AT-8326GB supports up to three trunk groups.

Key Features

- Stack up to 144 ports
- Integrated stacking modules
- Wirespeed
- Non-blocking
- · 2 copper Gigabit fixed ports
- · 2 GBIC bays for fiber media
- Supports up to 256 VLANs
- GVRP support
- Web-based management
- SNMP support
- RMON support
- Port Security
- Port-Mirroring
- Auto MDI/MDIX
- IGMP v1 and IGMP v2
- I RU form factor
- · Lifetime limited warranty

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Performance

6.5Mpps forwarding rate 14,880pps for 10Mbps Ethernet 148,800pps for 100Mbps Ethernet 1,488,000pps for 1000Mbps Ethernet

MAC Addresses up to 8K
Buffer Memory 16MB
VLANs 256
Broadcast Storm Control
Head of Line Blocking Prevention

Half/Full-Duplex Auto-negotiation Auto MDI/MDIX

Reliability

MTBF 450,000 hours

Interface Connections

10/100TX/1000T Shielded RJ-45 RS232 9 pin female

Network Management

SNMP

Web-Based Management RS232 Console Access

Command Menu Interface (ATI Omega)

Telnet

Power Characteristics

Voltage 100-240vAC Current 4.0/2.0A Frequency 50-60Hz

Environmental Specifications

Operating Temp.

Non-Operating Temp.

Relative Humidity

O°C to 40°C (32°F to 104°F)

-20°C to 70°C (-4F to 158°F)

95% non-condensing

Physical Characteristics

Height 4.4cm (1.7")
Width 44cm (17.3")
Depth 25.75cm (10.125")
Weight 2.7kg (6lbs)
Mounting 19" rack-mountable,
hardware included

Standards and Compliance

IEEE 802.3 10T Ethernet
IEEE 802.3u 100TX Ethernet
IEEE 802.3ab 1000T Ethernet
IEEE 802.3z 1000X Ethernet
IEEE 802.3ad Link Aggregation

IEEE 802.1p Class of Service, priority protocols

RFC 2131 DHCP RFC 1350 TFTP

RFC 1757 RMON Groups 1, 2, 3 and 9

SNMP Standards

RFC 1213 MIB II
RFC 1493 Bridge MIB
RFC 1757 Remote Network MIB

Private MIB

Electrical/Mechanical Approvals

UL 1950 FCC Class A CSA 22.2 No. 950 EN55022 Class A EN 60950 (TUV) EN50082-1

Country of Origin

China

Ordering Information

AT-8326GB-xx

24-port 10/100TX stackable managed Fast Ethernet switch with RJ-45 connectors, 2 fixed 1000T ports and 2 GBIC bays

Where xx = 10 for U.S. power cord

20 for no power cord 30 for U.K. power cord 40 for Australia power cord 50 for Europe power cord

Gigabit Interface Converter (GBIC) Modules

ÀT-G8SX

500m SX GBIC, based on 50 micron fiber 220m SX GBIC, based on 62.5 micron fiber

AT-G8LX10

10km LX GBIC, based on 9 micron fiber

AT-G8LX25

25km LX GBIC, based on 9 micron fiber

AT-G8LX40

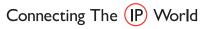
40km LX GBIC, based on 9 micron fiber

AT-G8LX70

70km LX GBIC, based on 9 micron fiber

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