



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 802.1Q VLAN tagging, IEEE 802.1p 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
- 1 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

100FX SC or MT connectors
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. 0°C to 40°C (32°F to 104°F)
Non-Operating Temp. -20°C to 70°C (-4F to 158°F)
Relative Humidity 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
IEEE 802.1Q	VLAN Tagging
IEEE 802.3x	Flow Control
RFC 1112	IGMP Snooping v1
RFC 2236	IGMP Snooping v2
RFC 951	BootP
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

AT-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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