

AT-GS900 Series, Unmanaged Gigabit Ethernet Switches

AT-GS908, 8 port 10/100/1000TX unmanaged switch

AT-GS908GB, 8 port 10/100/1000TX unmanaged switch with 2 GBIC bays

AT-GS924GB, 24 port 10/100/1000TX unmanaged switch with 2 GBIC bays

KEY FEATURES

Wirespeed performance

Non-blocking architecture

Auto-negotiation Gigabit ports

Auto MDI/MDIX on TX ports

Transparent to VLAN packets

Full duplex flow control

2 bays for optional GBIC modules
(GS908GB & GS924GB models only)

Sturdy metal case

Lifetime limited warranty

PERFORMANCE

The Allied Telesyn AT-GS900 series of unmanaged Gigabit switches are designed for medium enterprises and education networks. The AT-GS900 series were built to deliver high bandwidth applications such as video, graphics, or industrial design, to the end user with the high speed and high performance that only Gigabit can provide.

FLEXIBILITY

The AT-GS9XXGB products include two Gigabit Interface Converter (GBIC) expansion bays that are shared with the last two copper Gigabit ports. For example, when the GBIC bays of the AT-GS908GB are populated with Allied Telesyn hot-swappable GBICs, ports 7 and 8 are turned off and the GBIC ports are turned on. Alternatively, if the GBIC bays are not populated, ports 7 and 8 are available for use. Allied Telesyn offers five full duplex GBIC models that support distances of 500 meters up to 70 kilometers.

SIMPLE INSTALLATION

The AT-GS900 series require minimal configuration and can be installed in minutes for use in a network rack or on a desktop. The 10/100/1000TX copper ports on the AT-GS900 series are fully auto-negotiating; allowing it to connect to all other 10Mbps Ethernet, 100Mbps Fast Ethernet, or 1000Mbps Gigabit Ethernet devices. Equipped with MDI/MDIX ports for easy connection to other hubs and switches, the AT-GS900 series is a natural migration path from legacy networks and a cost-effective introduction to Gigabit Ethernet. Front panel LEDs allow users to monitor the switch status providing simple "at a glance" management.



QUALITY & RELIABILITY

Allied Telesyn is a worldwide leader in unmanaged Ethernet switches. With over 250,000 unmanaged switches shipped each year, Allied Telesyn offers proven reliability and industry recognized quality. Each unmanaged switch is backed with a lifetime limited warranty.

APPLICATIONS

Connected to managed Fast Ethernet switches such as the AT-8024GB or the AT-8224XL or unmanaged Fast Ethernet switches such as the AT-FS724i or the AT-FS709FC, the AT-GS900 series is an ideal fit for Gigabit migration in the Local Area Network (LAN). The AT-GS900 series of unmanaged Gigabit switches is capable of forwarding both standard sized packets and VLAN tagged packets throughout LANs.

For applications that need Gigabit to the desktop an ideal design combines the Telesyn AT-GS900 series switches and our full line of Gigabit network adapter cards. The AT-2930T supports copper Gigabit and the AT-2930SX supports fiber Gigabit.

ABOUT ALLIED TELESYN

Allied Telesyn leads the world in network technologies for the access edge. Since the company's inception in 1987, Allied Telesyn has been developing IP-based network products for use in video, voice and data networks at the metro edge, in education, government agencies and across the enterprise. Allied Telesyn's access, aggregation and core transport technologies range from simple Ethernet adapters, hubs and media converters to robust multi-layer Gigabit Ethernet switches and routers, wireless systems, DTM and WDM transport solutions for delivering real-time voice, video and data. Allied Telesyn's comprehensive support and professional service programs are suited to meet the growing demands of today's switched broadband infrastructures.

SERVICE & SUPPORT

Allied Telesyn provides value-added support services for its customers under its Net.CoverSM programs. For more information on Net.CoverSM support programs available in your area, contact your Allied Telesyn sales representative or visit our website.

www.alliedtelesyn.com

SWITCHES

 Allied Telesyn

AT-GS900 Series, Unmanaged Gigabit Ethernet Switches

PERFORMANCE

14,880pps for 10Mbps Ethernet
148,800pps for 100Mbps Ethernet
1,488,000pps for 1000Mbps Ethernet

Switching Capacity Up to 12Mpps AT-GS908 & AT-GS908GB
Up to 35.7Mpps AT-GS924GB

MAC Addresses Up to 8K AT-GS908 & AT-GS908GB
Up to 32K AT-GS924GB

Packet Buffer 256KB AT-GS908
512KB AT-GS908GB
1MB AT-GS924GB

Half/Full duplex
Auto-negotiation
MDI/MDIX
Auto copper or fiber detection on the last two ports
(for GS908GB & GS924GB)

INTERFACE CONNECTIONS

10/100/1000TX RJ-45
1000FX 1000SX or 1000LX

POWER CHARACTERISTICS

Voltage 100-240VAC
Frequency 50 to 60Hz

Current .75A AT-GS908
.6A AT-GS908GB
2.0A AT-GS924GB

Power Consumption 18W AT-GS908
35W AT-GS908GB
46W AT-GS924GB

ENVIRONMENTAL SPECIFICATIONS

Operating Temp. 0°C to 40°C (32°F to 104°F)
Non-operating Temp. -25°C to 70°C (-13°F to 158°F)
Operating Humidity 5% to 90% non-condensing
Storage Humidity 5% to 95% non-condensing

PHYSICAL CHARACTERISTICS

	Height	Width	Depth
AT-GS908	4.4cm (1.7")	26.6cm (10.5")	16.2cm (6.4")
AT-GS908GB	4.4cm (1.7")	29.4cm (11.6")	20.9cm (8.2")
AT-GS924GB	4.4cm (1.7")	43.2cm (17.0")	25.0cm (9.8")

	Weight
AT-GS908	1.4kg (3.1lbs)
AT-GS908GB	2.2kg (4.9lbs)
AT-GS924GB	5.25kg (11.6lbs)

Wall mount 19" rackmount, hardware included

STANDARDS & COMPLIANCE

IEEE 802.3 10T Ethernet
IEEE 802.3u 100TX Fast Ethernet
IEEE 802.3ab 1000T Gigabit Ethernet
IEEE 802.3z Full duplex
IEEE 802.3x Flow control

ELECTRICAL/MECHANICAL APPROVALS

UL 1950
FCC/EN55022 Class A
VCCI Class A
C-Tick
EN60950 (TUV)
EN55024
CE

ORDERING INFORMATION

AT-GS908-xx
8 port 10/100/1000TX unmanaged switch

AT-GS908GB-xx
8 port 10/100/1000TX unmanaged switch
with 2 GBIC bays

AT-GS924GB-xx
24 port 10/100/1000TX unmanaged switch
with 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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