Zoom
ADSL X3

ADSL 2/2+ Modem + Router +
Gateway with Ethernet Interface

Model 5760

ADSL 2/2+ compliant modem for faster ADSL speeds and extended distances at which high-speed data can be delivered

High-speed "always-on" Internet access

ADSL modem plus router supports up to 253 concurrent Internet users

Advanced security from hacker attacks with Stateful Packet Inspection (SPI) and Network Address Translation (NAT) firewalls

Works with all popular ADSL services

Fast and easy installation with auto configuration

Software upgradeable

Ethernet interface for use with most operating systems

Works great with wireless access points

TR-69 Support

Documentation provided in English and Spanish

Two year warranty

The Zoom ADSL X3 Gateway, Model 5760, is a full-rate ADSL 2/2+ modem and a powerful gateway/router in a single affordable product.

The Zoom Model 5760 delivers up to 24 Mbps data speeds over existing telephone wires and is suitable for use in homes or small offices. The Model 5760 is compatible with older ADSL protocols as well as the new ADSL 2/2+ standards for higher data speeds and extended distances at which high data rates can be delivered.*

An Ethernet interface on the X3 provides connection to a computer running most operating systems, including Windows as well as Linux, Unix and Mac Operating systems. The X3 can also be plugged into a hub or wireless access point to provide concurrent Internet access for up to 253 networked computers.

Security features include Network Address Translation (NAT) and Stateful Packet Inspection (SPI) Firewall. The NAT firewall hides computers on the local area network from uninvited access through the Internet. SPI assesses the protocol and packet addresses being received to determine if the information should be passed through the firewall to the connected computers. SPI and NAT protect against Internet worms and Denial of Service attacks, some of the most publicized forms of malicious intrusion from the Internet.

Setup is easy using any authorized local or remote computer's Web browser and the intuitive graphical user interface. An auto configuration option automatically establishes the protocol and encapsulation used by the ADSL service.

Zoom ADSL gateways are backed by a two year warranty and over 30 years of experience in the design and support of communication products.

Specifications

ADSL Compliance	• Compliant with ADSL standards:
	  - Full-rate ANSI T1.413 Issue 2, and ITU G.dmt (G.992.1) standards
	  - ITU G.lite (G.992.2) specification
	  - Annex A
	• Compliant with ADSL 2 standards:
	  - G.dmt.bis (ITU G.992.3)
	  - ADSL Annex L (reach extended DSL)
	• Compliant with ADSL 2+ standards:
	  - G.992.5
	  - Annex M
	• DMT modulation and demodulation
	• Full-rate adaptive modem
	ADSL
	  - Maximum downstream rate of 8 Mbps
	  - Maximum upstream rate of up to 1024 Kbps
	ADSL2+
	  - Maximum downstream rate of up to 24 Mbps
	  - Maximum upstream rate of up to 3 Kbps (Annex M)
	• Supports splitterless ADSL implementation
	• Interoperable with all major DSLAM manufacturers

ATM Protocols	• WAN mode support: PPP over ATM (RFC 2364) and PPP over Ethernet (RFC 2516) • LAN mode support: bridged/routed IP over ATM (RFC 1483) • ATM Forum UNI 3.1/4.0 PVC • Up to four virtual circuits • ATM segmentation and re-assembly • ATM AAL5 (adaption layer type 5) • OAM F4/F5
Bridge Mode	• Ethernet to ADSL self learning - Transparent Bridging (IEEE 802.1D) • Supports up to 128 MAC learning addresses

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Router Mode	• Static routing • DNS Proxy • DHCP (Dynamic Host Configuration Protocol) server and client • NAT (Network Address Translation) • NAPT (Network Address and Port Translation) • RIP V1 and V2 • PPP Half Bridge • Dynamic DNS • Virtual Server/DMZ Support
Security	• Stateful Packet Inspection • Denial of Service Protection • Attack Protection • IP/Port Filtering • Virtual Private Networking Pass Through • Software and Games Port Control • User authentication for PPP • PAP (Password Authentication Protocol) • CHAP (Challenge Authentication Protocol) • Password Protected System Management • URL Filtering
Management	• Password security • TR-69 Support • Universal Plug and Play (UPnP) • Remote and local command line or HTTP interface configuration • Software upgradeable firmware through HTTP interface • ATM traffic management functions support UBR without PCR, UBR with PCR, CBR, rt-VBR, nrt-VBR in accordance with ATM forum TM 4.1 • Loads setup from a file for easy input of a service provider's configuration
Ethernet Interface	• IEEE 802.3 compliant • 10/100 BaseT - Autosensing RJ45 parts
Web-based	• HTTP Graphical User Interface • Password protected access • Firmware upgrades • WAN and LAN side connection statistics • Configuration of static routes and routing table • Configuration of NAT/NAPT • Selection of bridge or router mode • PPP user ID and password • Configuration of virtual circuits
Status Indicators	• POWER - power on/off • ADSL - DSL link is established • DATA - activity • ETHERNET - Ethernet link is established
Warranty	• 2 years
Size	• 5.3 x 4.6 x 1.3 inches (133 x 116 x 32mm)
Regulatory Approval	• CE, FCC Part 15B, FCC Part 68, RoHS compliant

Specifications

- A computer with an Ethernet port and any operating system that supports TCP/IP (Windows, Mac, Linux, or other).

RoHS
2002 / 95 / EC

Package contents:

• ADSL Gateway
• Ethernet cable
• Phone cable
• CD ROM
• User manual
• Power adapter

• Filters and phone adapters:
Filters and/or phone adapters may be included in some markets. Please check the package for specifics or ask your dealer. An ADSL filter allows a telephone, facsimile machine, or other telephone instrument to be used even when you are online with your ADSL modem.

* ADSL 2/2+ requires support from your Internet Service Provider

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