

GR7000

Aztech



Optimized up to **2X**
Gigabit Routing Performance

300 Mbps
Typical Gigabit Router

600 Mbps
Aztech Gigabit Router

**GIGABIT
SPEED**

Leading Brand
for 3G Wireless-N
300Mbps
2T2R Antenna

**WIRELESS
N**
b/g/n WiFi

4-Port Wireless-N Gigabit Router

Aztech GR7000 is a 4-Port Wireless-N Gigabit Router, which supports wireless 802.11b/g/n, 4-port Gigabit Ethernet switch, 1 Gigabit Ethernet WAN port for fiber ONT, and USB 2.0 Host.

High Performance Dual Connection

Targeted at providing good quality and high definition IPTV service to end users, Aztech GR7000 4 Port Wireless-N Gigabit Router is an intelligent 4-Port 10/100/1000 AutoMDI/MDIX managed switch. The 4 10/100/1000 Gigabit Ethernet ports connect network attached storage (NAS), computers, printers and other Ethernet enabled devices to enjoy higher throughput speed than that provided by the router with fast Ethernet wired ports. Aztech GR7000 supports the IEEE 802.11n ratified specifications, which is much faster than a wireless G router. The wireless-N technology allows more users to enjoy heavy Internet use and still deliver smooth performance for HD video streaming, music, photos, online gaming and large documents sharing.

Advanced Security

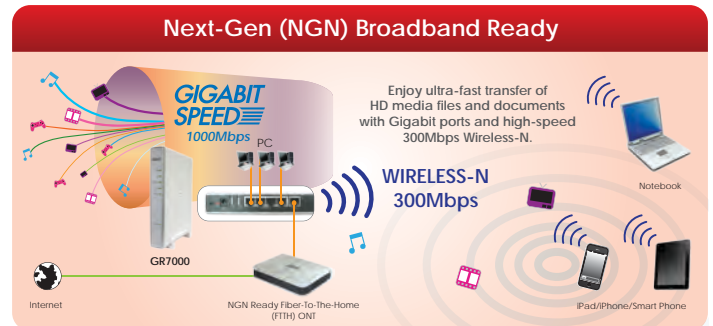
Security is provided via a double SPI (Stateful Packet Inspection) and Full Cone NAT support firewall. Hardware accelerated AES/WEP/WPA/WPA2 based encryption/MAC Address Filtering for Wireless links. Multiple session VPN Passthrough and DMZ support provide additional security support for telecommuters as well as allow flexibility while maintaining security against malicious hackers. Choices of Dynamic DNS servers give users the flexibility of hosting a web or FTP server with various domain names.

USB Storage Sharing

The device comes with 2 USB ports allowing you to connect USB storage device or USB printer to share files and network printing with your family, friends, and colleagues.

Extend Fiber Connections

Aztech GR7000 could function as a broadband home router, by connecting the Gigabit WAN port with an ONT. It extends the fast fiber connection to the house. It also supports multiple-VLAN management for delivering triple play services.



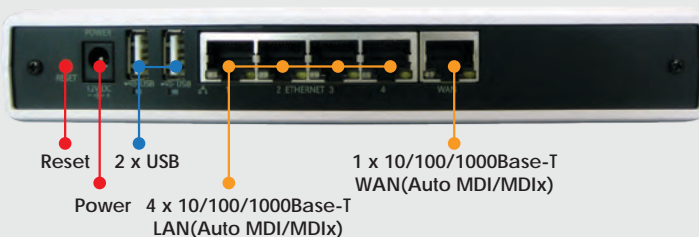
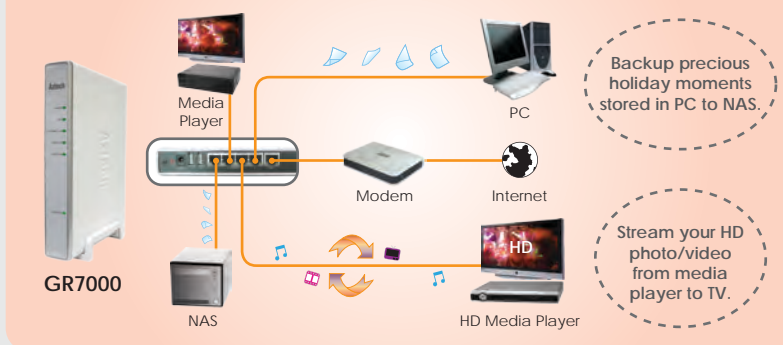
*Maximum wireless signal rate derived from IEEE Standard 802.11g and draft 802.11n specifications. Actual data throughput will vary. Network conditions and environmental factors, including volume of network traffic, building materials and construction, and network overhead, lower actual data throughput rate.

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Features

- Provides ultra-fast Gigabit Internet Speed to the computer, game console, media player and NAS
- Stream HD video or multiple applications simultaneously with data transfer speed reaching up to 300Mbps[^]
- Share heavy media files and enjoy seamless network printing within the network with two USB ports
- Next-Generation Ready: Extends fiber connection throughout the home / office in fiber-ready network
- Advanced security with 64/128-bit WEP,WPA-PSK/WPA2-PSK (TKIP/AES) to prevent unauthorized access
- Backward compatible to Wireless B/G networking devices
- With supreme speed routing performance over the existing models in the market

Stream HD Media to and from PC with NAS or Media Player



TIPS:
Connect your storage device and USB printer via USB host.

Specifications

Network and Security	Static IP, Dynamic RIP v1/v2 routing		IP/TCP/UDP/ICMP/ARP Application		Network Address Translation (NAT)		
	Port Forwarding/Triggering		Easy setup of Port Forwarding rules		NAT Application Level Gateway		
	DHCP Server/Relay/client		DNS Relay Agent		Multiple Sessions IP Sec and PPTP/L2TP VPN pass through		
	PPP Always on		PPP Dial on Demand with configurable timeout		Universal Plug and Play		
	SNTP		DDNS (Dynamic DNS)		IGMP Proxy (IGMP v1 and v2)		
	QoS Support with 4-traffic classed based on arrival port, IEEE802.1p, Ipv4 TOS, and destination MAC Address						
	Stateful Packet Inspection and Filtering		Intrusion Detection and Protection		Protection against Denial of Service attacks		
	Password Authentication to Modem		Parental Control				
	Wireless Support	Wireless on Motherboard (WOMBO)		802.11b,802.11g and 802.11n compliant		Transmit output power up to 20dBm (standard)	
		Conforms to Wireless Ethernet Compatibility Alliance (WECA) Wireless Fidelity (Wi-Fi tm) Standard		Seamless WLAN roaming			
Direct Sequence Spread Spectrum (DSSS) technology		Modulation: OFDM with BPSK, QPSK, 16QAM, 64QAM, DBPSK, DQPSK, CCK					
Wireless Media Access Protocol - CSMA/CA with ACK		64/128 WEP Encryption		WPA/WPA2			
Power Requirements	Dynamic Rate scaling from 54, 48, 36, 24, 12, 11, 9, 6, 5.5, 2,1Mbps		Operating Range of up to 300 Meters (Open Air) [^]				
	Input Voltage : 12V DC +/- 10%		Input Current : 1.0A				
LED Indicators	Power, WAN, Ethernet, USB, Wireless, Internet, WPS						
Interface	4 x 10/100/1000Base-T RJ45 LAN Ports (AutoMDI/MDIx)			1 x 10/100/1000Base-T RJ45 WAN Port (AutoMDI/MDIx)			
	2 x USB 2.0 Host		1 x WPS Button		1 x DC Jack for Power Input		
Measurements	1 x Factory Default Reset Button		Internal PIFA antennas				
	Dimension: 200MMx157MMx32MM		Weight: 0.44kg				
Temperature and Humidity	Operating: 0° ~40°, 10% to 85% Relative Humidity		Non-Operating: -25° ~70°, 5% to 95% Relative Humidity				