

54Mbps Wireless-G Broadband Router

GigaFast's WF719-CAPR is an IEEE802.11g compliant 54Mbps Wireless-G Broadband Router used to share broadband internet connections to Ethernet and Wireless computers. The Wireless-G Broadband Router has a built-in Internet Firewall to protect your network from being hacked by outside intruders. It brings high-speed Internet Access to all the computers on your network and is also protected by 64/128-bit WEP (Wired Equivalent Privacy) encryption, preventing anyone outside of your network from accessing information on it. Operating in the 2.4GHz frequency range using OFDM (IEEE802.11g), the GigaFast Wireless-G Broadband Router is able to provide transparent bridging and roaming capabilities to any other wireless connections. The WF719-CAPR is complete with web-based administration, configuring requires nothing but a standard web browser. No additional software is required to operate the WF719-CAPR.



Functions:



Specifications:

Standard	IEEE802.11g, IEEE802.11b, IEEE802.3, IEEE802.3u, IEEE802.3x, IEEE802.1x CSMA/CA, CSMA/CD, TCP/IP, DHCP, ICMP, NAT, PPPoE
Reception Sensitivity	Nominal Temp Range 54Mbps: -68dBm@10%PER 11Mbps: -85dBm@10%PER 6Mbps: -88dBm@10%PER 1Mbps: -90dBm@8%PER 256K: -105dBm@8%PER(Typical)
Data Transfer Rates	802.11g: up to 54Mbps (54/48/36/24/18/12/9/6M) 802.11b: up to 11Mbps (11/5.5/2/1M)
Frequency Range	2.4~2.497GHz
Transmission	DSSS
Data Modulation Type	CCK and OFDM
Operating Channels	North America and Canada: 1 to 11 channels Europe: 1 to 13 channels
Interface	One 10/100M Auto-MDI/MDIX WAN RJ-45 port Four 10/100M Auto MDI/MDIX LAN RJ-45 port
Antenna	External Antenna
Transmitter Power	15dBm±2dBm
Operating Range	Up to 100 meters indoors Up to 300 meters outdoors
Diagnostic LEDs	Power, Active (WLAN); Act/Link (Ethernet)
Network Media	10Base-T: UPT category 3, 4, 5 cable (max 100m), EIA/TIA-568, 100ohm STP (max 100m) 100Base-TX: UPT category 5, 5e cable (max 100m), EIA/TIA-568, 100ohm STP (max 100m)
Security	Data encryption: 64-bit and 128-bit; WPA and WPA2 authentication
Configuration & Management	Remote and web management
Operating Temperature	0°C to 40°C ambient
Humidity	5% to 95% (non-condensing)
Power Input	7.5V DC
Certification	FCC Class B, CE Class B
Operating System	Windows 98SE, ME, 2000 and XP

Features:

- Complies with IEEE802.11b/g, IEEE802.3 and IEEE802.3u standards
- One 10/100M Auto-Negotiation WAN RJ-45 port. Four 10/100M Auto-Negotiation LAN RJ-45 ports
- Up to 54Mbps data transfer rate
- Supports Auto MDI/MDIX
- Provides 64/128-bit WEP data encryption
- Provides WPA and WPA2
- Built-in NAT and DHCP server supporting static IP address distributing
- Supports Remote and Web Management
- Firmware upgrade on line

Usage Diagram:

