ComX Computers
Product Specification Sheet

B-7300RA

Billion B-7300RA ADSL 2+ Modem / Router

Product Overview

Billion B-7300RA ADSL 2+ Modem / Router, 4 Port Switch



Specifications

Overview:
Billion's BiPAC 7300(G) RA series is an all-in-one compact package of ADSL2+ router perfectly designed for home and SOHO users to enjoy the mobility and faster speed when using ADSL Internet connection. The device lets you access high-speed ADSL Internet connection, even faster with advanced ADSL2+ capability with downstream rate up to 24 Mbps. The router supports Easy Sign-On (EZSO) technology, enabling users to establish ADSL connections via standard web browsers such as Internet Explorer. This user-friendly design supports all kinds of operating systems, significantly reducing the time and efforts spent configuring your system. An abundance of integrated firewall security features such as SPI, DoS attack prevention, and URL Content Filtering provide users unparalleled protection from hackers. The Quality of Service feature ensures a smooth net connection for inbound and outbound data, with minimal traffic
congestion.

Features:

- High speed Internet access with ADSL2/2+; backward compatible with ADSL
- 802.11g wireless AP with WPA-PSK/ WPA2-PSK support (BiPAC 7300G RA)
- Auto channel select
- SOHO firewall security with DoS prevention and packet filtering
- Easy Sign-On (EZSO) and web-based configuration
- Quality of Service control
- Universal Plug and Play (UPnP) ompliant
- Dynamic Domain Name System (DDNS)
- Supports VPN pass-through
- Ideal for home & SOHO users

Specifications:

ADSL Compliance	Compliant with ADSL Standard
	- Full-rate ANSI T1.413 Issue 2
	- G.dmt (ITU G.992.1)
	- G.lite (ITU G.992.2)
	- G.hs (ITU G.994.1)
	- ADSL over ISDN/U-R2
	Compliant with ADSL2 Standard
	- G.dmt.bis (ITU G.992.3)
	- ADSL2 Annex M (ITU G.992.3 Annex M) (BiPAC 7300(G)RA A only)
	Compliant with ADSL2+ Standard
	- G.dmt.bisplus (ITU G.992.5)
	- ADSL2+ Annex M (ITU G.992.5 Annex M) (BiPAC 7300(G) RA A only)
Network Protocols and Features	NAT, static routing and RIP-1/2
	NAT supports PAT and multimedia applications
	Transparent Bridging
	Virtual Server and DMZ
	SNTP, DNS relay and DDNS
	IGMP snooping and IGMP proxy
Firewall & Virtual Private Network (VPN)	Built-in NAT Firewall
	Stateful Packet Inspection (SPI)
	Prevents DoS attacks including Land Attack, Ping of Death, etc.
	Remote access control for web base access
	Packet and URL filtering
	Password protection for system management
	VPN pass-through
Quality of Service Control	Supports the DiffServ approach
	Traffic prioritization based-on IP protocol, port number and address
	Compliant with IEEE 802.11g and 802.11b standards
	2.4 GHz - 2.484G Hz frequency range
	Up to 54 Mbps wireless operation rate
	Auto channel select
	64/128 bits WEP supported for encryption
	Wireless Security with WPA-PSK/WPA2-PSK support
	WDS repeater function support

ATM and PPP Protocols	ATM Adaptation Layer Type 5 (AAL5)
	Multiple Protocol over AAL5 (RFC 2684, formerly RFC 1483)
	Bridged or routed Ethernet encapsulation
	VC and LLC based multiplexing
	PPP over Ethernet (PPPoE)
	PPP over ATM (RFC 2364)
	OAM F4/F5
Management	Quick Installation Wizard and Auto-scan ADSL settings
	Web-based for remote and local management
	Firmware upgrades and configuration data upload/download via web-based interface
	Embedded Telnet server for local management
	SNMP v1/v2/v3, MIB-I and MIB-II support
	Available Syslog monitoring
	Supports DHCP server/client/relay
	Mail Alert
Operating Environment	Operating temperature: 0 - 40ºC
	Storage temperature: -20 - 70ºC
	Humidity: 20 - 95% non-condensing
Hardware Specifications	WLAN: 1 detachable antenna
	LINE: ADSL port
	LAN: 4-port 10/100M auto-crossover (MDI/MDI-X) switch
	Factory default reset button
	Power jack
	Power switch
	Power jack
	Factory default reset button
	LAN: 4-port 10/100M auto-crossover (MDI/MDI-X) switch
	LINE: ADSL port
Physical Specifications	BiPAC 7300G RA
	Dimensions: 7.28" x 4.86" x 1.42" (185mm x 123.5mm x 35mm)
	BiPAC 7300 RA
	Dimensions: 5.51" x 3.54" x 1.38" (140.5mm*90.5mm*35mm)
Power Requirements	Input: 12V DC, 1A
Models & Supported Standards	BiPAC 7300(G) RA A: Annex A & Annex M (Annex A and Annex M: ADSL over POTS)
	BiPAC 7300(G) RA U: Annex B & U-R2 (Annex B and Annex U-R2: ADSL over ISDN)

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page: https://www.comx-computers.co.za/B-7300RA-Billion-B-7300RA-ADSL-2-Modem-Router-p-38991.php

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