



OVERVIEW

The SMC7901BRA2 combines an ADSL2/2+ modem, router, 10/100 LAN port, USB1.1 port & robust SPI firewall making it the complete solution for securely connecting & sharing your high speed ADSL connection. It gives you instant always on internet connectivity with download speeds up to 24Mbps - ideal for streaming multimedia content to the home. The EZ™ Installation Wizard with on-screen help configures your ADSL connection in 4 easy to follow steps. Even configuration of advanced functions is made easy with the intuitive web based management interface. The integrated 10/100 LAN port

with full-duplex operation lets you directly connect a computer or expand your network by connecting additional switches. Optionally you can connect a computer via the USB port. Quality-of-Service gives priority to real-time, delay sensitive applications like Voice-over-IP and video-on-demand to improve the user experience. The NAT firewall with Stateful Packet Inspection (SPI), Intrusion Detection System (IDS) & Denial-of-Service (DoS) provides robust security from hackers. VPN pass-through is also provided for securely connecting to your office or corporate network.

FEATURES	BENEFITS
Easy setup	The intuitive web based management interface with EZ Installation Wizard & on-screen help makes setup a breeze - configure your ADSL connection in 4 easy to follow steps.
High speed Internet access	Instant always on internet connectivity. The built-in ADSL2/2+ modem gives unrivaled asymmetric high-speed data transport at up to 24Mbps downstream.
Quality-of Service (QoS)	Quality-of-Service prioritizes real-time, delay sensitive applications like Voice-over-IP and video-on-demand
Security	The NAT firewall with Stateful Packet Inspection (SPI), Intrusion Detection System (IDS) & Denial-of-Service (DoS) provides robust security from hackers while VPN pass-through allows secure connectivity to your office or corporate network. Access Control Lists (ACL's) with URL blocking allows you to control access to internet services & filter inappropriate web sites.

PHYSICAL INTERFACES

- WAN: ADSL2/2+ RJ-11 port
- LAN: 10/100Mbps auto MDI/MDIX RJ-45 port + USB1.1 port
- Power Input: DC12V 1A
- Reset button

ADSL FEATURES

- T1.413, G.DMT, G.LITE, ADSL2, ADSL2+
- Dying GASP support
- Annex A / L / M
- TR-067 interoperability tested

ATM FEATURES

- Class-of-Service: UBR, CBR, VBR, VBR-rt, VBR-nrt
- Up to 8 PVC's
- RFC1483 Encapsulation (IP, Bridging & encapsulated routing)
- PPP over ATM (RFC2364)
- PPP over Ethernet
- Classical IP (RFC1577)
- VC-Mux & LLC encapsulation
- OAM F4/F5 support

MANAGEMENT FEATURES

- Web based management interface with EZ[™] Installation Wizard
- TELNET
- TFTP
- SNMP v1/2c
- Automatic time maintenance (SNTP)
- Event logging
- Diagnostic tools
- TR-069 WAN management protocol*

SECURITY FEATURES

- Password protected management interface
- NAT firewall
- Stateful Packet Inspection (SPI), Intrusion detection logging & email notifications, Denial-of-Service (DoS) protection
- Access Control Lists, URL Blocking, Rule scheduling
- VPN pass-through (IPSec-ESP Tunnel mode, L2TP, PPTP)

LAN FEATURES

- IEEE 802.1d (self learning transparent bridging)
- DHCP Server
- DNS Proxy / Relay
- Static Routing, RIP v1/2

FUNCTIONS

- UPnP, Port forwarding, Virtual DMZ host, IP Layer QoS with Diffserv (RFC2474), DDNS

CERTIFICATIONS

- EN 55022
- EN 55024
- EN 60950-1 / IEC 60950-1

TEMPERATURE

- Temperature: IEC 68-2-14
- 0 to 40 degrees C (Standard Operating)
- -20 to 70 degrees C (Non-Operating)

HUMIDITY

- 10% to 95% (Non-condensing)

DIMENSIONS

- 143(L) x 94(D) x 32(H) mm
- 5.6 (L) x 3.7(D) x 1.26(H) in

WEIGHT

- 0.18Kg
- 6.35oz

POWER INPUT

- 12V/1A

SYSTEM REQUIREMENTS

- ADSL Internet Service
- Ethernet adapter or USB port installed on PC
- Windows 98SE/ME/2000/XP, Mac OS**, Linux** or Unix**
- Internet Explorer 5.5 or above, Netscape 4.7 or above, Mozilla 1.7 or above & Firefox 1.0 or above

PACKAGE CONTENTS

- SMC7901BRA2 ADSL2 Barricade[™]
- Power Adapter
- Ethernet cable (RJ-45)
- Phone cable (RJ-11)
- Quick Install Guide
- Warranty registration card
- Installation CD containing manual & driver

*Optional software module available for Service Providers

** No USB drivers

Contact

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