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.

### OVERVIEW

**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.
TECHNICAL SPECIFICATIONS SMC7901BRA2

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

North America
38 Tesla
Irvine, CA 92618
1-800-SMC-4YOU
24/7 Technical Support

Europe/ Africa
Fructuos Gelabert 6-8
08970 Sant Joan Despí
Barcelona, Spain

Check www.smc.com for your local country contact information

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