OVERVIEW

The SMC7904BRA2 combines an ADSL2/2+ modem, router, 4-port 10/100 LAN switch & 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 4-port 10/100 LAN switch with full-duplex operation lets you directly connect four computers or expand your network by connecting additional switches. 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.

<table>
<thead>
<tr>
<th>FEATURES</th>
<th>BENEFITS</th>
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<tbody>
<tr>
<td>Easy Setup</td>
<td>The intuitive web based management interface with EZ Installation Wizard &amp; on-screen help makes setup a breeze - configure your ADSL connection in 4 easy to follow steps.</td>
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<tr>
<td>High speed internet Access</td>
<td>Instant always on internet connectivity. The built-in ADSL2/2+ modem gives unrivaled asymmetric high-speed data transport at up to 24Mbps downstream.</td>
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<tr>
<td>Quality-of Service (QoS)</td>
<td>Quality-of-Service prioritizes real-time, delay sensitive applications like Voice-over-IP and video-on-demand</td>
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<tr>
<td>Security</td>
<td>The NAT firewall with Stateful Packet Inspection (SPI), Intrusion Detection System (IDS) &amp; 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 &amp; filter inappropriate web sites.</td>
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## TECHNICAL SPECIFICATIONS

### SMC7904BRA2

#### PHYSICAL INTERFACES
- **WAN:** ADSL2/2+ RJ-11 port
- **LAN:** Four 10/100Mbps auto MDI/MDIX RJ-45 ports
- **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
- **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**
- **Port based VLAN**

#### 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 1.25(H)in**

#### WEIGHT
- **0.18Kg**
- **6.35oz**

#### SYSTEM REQUIREMENTS
- **ADSL Internet Service**
- **Ethernet adapter installed on each 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
- **SMC7904BRA2 ADSL2 Barricade™**
- **Power Adapter**
- **Ethernet cable (RJ-45)**
- **Phone cable (RJ-11)**
- **ADSL Splitter**
- **Quick Install Guide**
- **Warranty registration card**
- **Installation CD containing manual**

*Optional software module available for Service Providers**
**Most countries**

### 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