The SMC7901BRA and SMC7904BRA ADSL2+ Barricade™ Routers are a very cost effective solution for connecting and sharing your ADSL Broadband connection in your home or office. SMC7901BRA ADSL2+ Barricade™ router combines a 10/100Mbps RJ45 port and a USB port for connection to a PC. SMC7904BRA ADSL2+ Barricade™ router has a 4-port 10/100Mbps Switch. To expand the number of people sharing your ADSL connection in your home or your office, you can connect one 10/100Mbps RJ45 ports from the SMC ADSL2+ Barricade™ Router to a network hub or switch.

The SMC7901BRA and SMC7904BRA also have a built in DHCP server to make implementing and expanding your network simple and easy. These devices support Full-rate G.dmt, which give you download speeds of 24Mbps and upload speeds of 1Mbps. The Stateful Packet Inspection (SPI) Firewall feature on both models provides a high level of security for your network. These new devices are a complete ADSL solution for PC or MAC users. Graphical user interface software is provided for easy installation, configuration, and management. The LED display panel on the front of the routers show the Ethernet activity, ADSL and power status at-a-glance.

**Features & Benefits**

**High Speed Internet Access**
- With ADSL2+ technology, the SMC Barricade ADSL2+ provides enhanced data transmission speed, up to 24Mbps for downstream and 1Mbps for upstream.

**Versatility**
- UPnP NAT Traversal allows Multi-player gaming, Peer-to-peer connections and Real-time communications.
- Built-in DDNS Client enable SOHO users to reduce expenses by hosting web sites or ftp server without paying for static IP address
- SNMP support allows multiple branch offices or location to be managed centrally or remotely

**Easy Setup**
- Easily connect to Internet in minutes using setup wizard to select your preferred country and ISP service.

**Security**
- SPI firewall provides extensive advance protection of your network from intruders.
**SPECIFICATIONS**

**Physical Characteristics**

<table>
<thead>
<tr>
<th>Physical Ports</th>
<th>Management Feature</th>
<th>Security Feature</th>
<th>Environmental</th>
</tr>
</thead>
<tbody>
<tr>
<td>SMC7901BRA</td>
<td>• One 10/100Mbps RJ45 Port</td>
<td>• Firmware upgrade via WEB Based Management</td>
<td>• Temperature: IEC 68-2-14</td>
</tr>
<tr>
<td></td>
<td>• One USB 1.1 (Type B) Port, Available for Windows OS</td>
<td>• WEB Based Management (configuration)</td>
<td>• Standard Operating: 0º C to 50º C</td>
</tr>
<tr>
<td></td>
<td>• One ADSL RJ11</td>
<td>• Telnet support</td>
<td>• Non-operation: -40º C to 70º C</td>
</tr>
<tr>
<td>SMC7904BRA</td>
<td>• Four 10/100Mbps RJ45 Ports</td>
<td>• Power Indicators</td>
<td>• Humidity: 10% to 95% (Non-condensing)</td>
</tr>
<tr>
<td></td>
<td>• One ADSL RJ11</td>
<td>• Event &amp; History logging</td>
<td>• Vibration: IEC 68-2-36, IEC 68-2-6</td>
</tr>
</tbody>
</table>

**ADSL/ATM Feature**

- Supports DMT line modulation
- Supports ANSI T1.413 issue 2, ITU-T G.992.1 (G.dmt)
- Supports ITU-T G.992.3 ADSL2 (G.dmt.bis), G.992.4 ADSL2 (G.lite.bis)
- Supports ADSL2+ Up to 24Mbps downstream
- Supports up to 1Mbps upstream
- OAM F4/F5 support
- ATM QoS (CIR/UBR)
- Supports up to 8 Multiple PVC
- Power Dying GASP support

**Application**

- MSN Messenger, Netmeeting, ICQ, Real Player, QuickTime, DialPad
- Windows 98 SE, ME, 2000, XP, Linux, Mac OS8.5 and above

** Dimension**

| SMC7901BRA | 65mm (W) x 95mm (L) x 130mm(H) |
| SMC7904BRA | 155mm(W) x 128mm(L) x 28mm(H) |

**Power**

- 12V/1A

**Standards Conformance**

Electromagnetic Compatibility

- CE, ETSI, FCC part 15 class B & FCC part 68

**Warranty**

- 3 Year

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**SMC7901BRA**

- 10/100Mbps Adapter Card (SMC1244TX)
- 5-Port 10/100Mbps Switch (SMC-EZ6505TX)

**SMC7904BRA**

- 10/100Mbps Adapter Card (SMC1255TX)
- 8-Port 10/100Mbps Switch (SMC-EZ6508TX)

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