

» ADSL Router CL-040 / CL-040-I «



Surf the internet, do emails and run multimedia at DSL Speed. On several computers all at the same time - save through the built-in firewall.



4 Ethernet ports for comfortable home networking.

The SIEMENS CL-040 Router integrates a ADSL modem, router, firewall and 4 Port Ethernet Switch in one device. Data access is provided via Ethernet port.

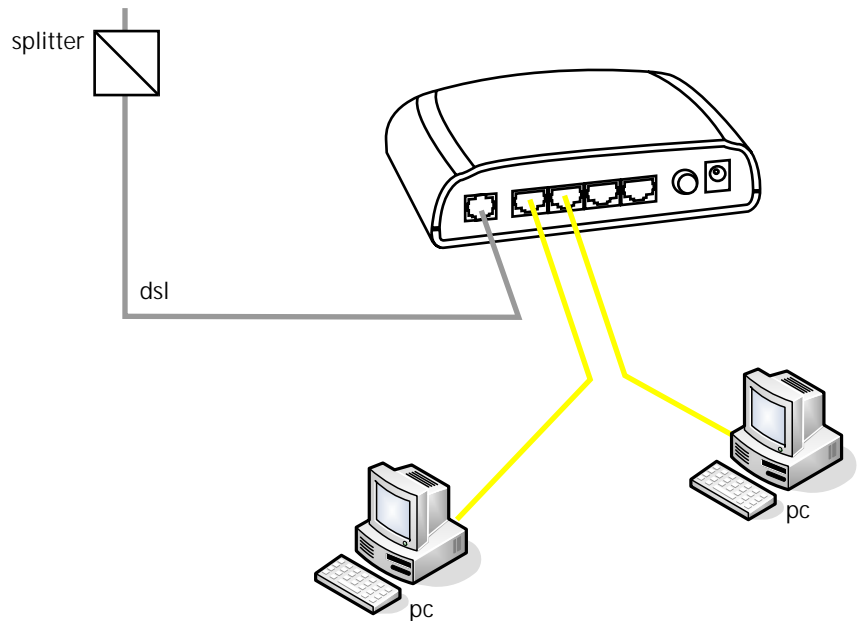
Security is supported via a double Stateful Packet Inspection and NAT based firewall. VPN Passthrough and DMZ support provides additional security support for telecommuters as well as allow flexibility while maintaining security against malicious hackers.

With Universal Plug and Play (UPnP) support, home networking becomes a breeze for everyone in the family. Multi Port Range/Popular Application Forwarding makes it even easier to select which application you want your network to allow while ensuring your security at the same time.

Broadband

www.siemens.ch/broadband

SIEMENS



Detailed features:

SOFTWARE

- ADSL Compliance

ANSI T1.413 Issue 2
ITU G.992.1 Annex A (G.dmt)
ITU G.992.1 Annex B (G.dmt) with UR2 compliant
ITU G.992.2 Annex A (G.lite)
ITU G.994.1 (G.hs)
Support dying gasp
Maximum Rate: 8 Mbps for downstream and 1 Mbps for upstream

- ADSL2 Compliance

ITU G.992.3 Annex A and Annex B (G.dmt.bis)
Support dying gasp
Maximum Rate: 12 Mbps for downstream and 1 Mbps for upstream

- ADSL2+ Compliance

ITU G.992.5 Annex A and Annex B
Support dying gasp
Maximum Rate: 24 Mbps for downstream and 1.2 Mbps for upstream

- ATM Features

Compliant to ATM Forum UNI 3.1 / 4.0 Permanent Virtual Circuits (PVCs)
Support up to 8 PVCs for UBR, CBR, VBR-nrt, VBR-rt with traffic shaping
RFC2684 LLC Encapsulation and VC Multiplexing over AAL5
RFC2364 Point-to-Point Protocol (PPP) over AAL5
RFC2225 Classical IP and ARP over ATM
RFC2516 PPP over Ethernet: support Relay (Transparent Forwarding) and Client functions
Support PPoE, PPoA, MER and Bridged mode
OAM F4/F5 End-to-End/Segment Loopback Cells

- Bridging Features

Supports self-learning bridge specified in IEEE 802.1d
Transparent Bridging
Supports up to 4096 learning MAC addresses
Transparent Bridging among 10/100 Mb Ethernet ports

Supports IGMP Snooping

Supports 802.1Q VLAN packet pass-through

- Routing Features

NAT (Network Address Translation) / PAT (Port Address Translation) let multiple users on the LAN to access the Internet for the cost of only one IP address.

ALGs (Application Level Gateways): such as NetMeeting, MSN Messenger, FTP, Quick Time, mIRC, Real Player, CuSeeMe, VPN pass-through with multiple sessions, RTSP, SIP, etc.

Port Forwarding: the users can setup multiple virtual servers (e.g., Web, FTP, Mail servers) on user's local network.

Support DMZ

UPnP IG D (Internet Gateway Device)

UPnP extension for NAT traversal capability

Static routes, RFC1058 RIPv1, and RFC1723 RIPv2

DNS Relay

Dynamic DNS

DHCP Client/Relay/Server

Time protocol can be used to get current time from network time server.

Support IGMP Proxy

Support IP/Bridge QoS for prioritize the transmission of different traffic classes

Support port mapping function which allows you to assign all data traffic transmitted among specific Internet connections and LAN ports

Support 802.1Q VLAN Tagging

- Security Features

PAP (RFC1334), CHAP (RFC1994), and MS-CHAP/MS-CHAP2 for PPP session

Firewall support IP packets filtering based on IP address/Port number/Protocol type

Support DoS (Deny of Services) which detect & protect a number of attacks (such as SYN/FIN/RST Flood, Smurf, WinNuke, Echo Scan, Xmas Tree Scan, etc)

- Configuration and Management

User-friendly embedded web configuration interface with password protection in English or German
Remote management access control
Telnet session for local or remote management
Firmware upgrades through HTTP, TFTP, or FTP
Configuration file backup and restore
Support TR-069

HARDWARE

- Interface

One RJ-11 port for ADSL connection
Four RJ-45 ports for IEEE 802.3/802.3u 10/100 Base-T auto-sensing and auto-crossover Ethernet connection
One hidden button for restoration of factory default settings

- Regulatory Approvals and Compliance

EMC: FCC part 15 Class B, CE

Telecom: FCC part 68

Safety: UL, CB, LVD

- Power Requirement and Operation Environment Requirement

Power Adaptor: Input 120±10 or 230±10 VAC; Output 12VAC, 1.0A

Power Consumption: less than 15 Watt

Ambient Temperature: 0 to 40°C (32 to 96°F)

Relative Humidity: 20% to 90% (non-condensing)

- Physical

Front Panel: 7 leds

Dimensions

160 mm (L) x 130 mm (W) x 38 mm (H)

Weight: 260 g

Ordering Number

Siemens ADSL CL-040 (Annex A): S1621-Z139-A

Siemens ADSL CL-040-I (Annex B): S1621-Z138-A

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Broadband

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