SpeedStream®

SpeedStream® 5600 Premium Multi-Port SOHO DSL Routers—Ethernet/USB

One- or Two-Box Broadband Network Solutions

>One- or Two-Box Solution

Take advantage of the integrated DSL port for a combined modem and router on-box solution. Or, configuring one Ethernet port as a WAN interface and combining with an existing Ethernet-based broadband modem (DSL/cable/satellite) enables multiple users to easily and securely share a broadband connection—a great way to generate additional revenue streams using a 2-box solution.

>Corporate-Class Security

ICSA-compliant Stateful Inspection Firewall with Denial of Service (DoS) protection provides advanced security for Internet connections by preventing unauthorized access and shielding against outside attack. A choice of pre-defined or fully custom settings, make online security a reality- even without an IT staff.

>Flexible LAN Interface Selection

Available models provide the flexibility of connecting a PC via Ethernet or a USB port. Ethernet allows near-universal connectivity to desktop or laptop PCs equipped with an Ethernet NIC. The addition of USB allows plug-and-play installation on any USB-equipped PC running Windows 98, 98SE, 2000, Me, XP, or Mac OS (8.6-10.2.4) without ever opening the computer.

>PPPoE Client

Embedded PPPoE client means no additional PC software is needed for broadband connectivity. An intuitive, web-based graphical user interface (GUI) makes installation effortless. Pre-configured Application Level Gateways (ALGs) support most popular games and applications, making remote interaction a snap.

Premium Multi-Port SOHO DSL Routers—Ethernet/USB

The SpeedStream® Premium Multi-Port SOHO DSL Router combine a DSL modem, full featured routing, and a fast, 5-port switch to provide secure broadband networking with single device simplicity. Available models offer Windows and Macintosh users the flexibility of connecting an additional PC using plug-and-play USB, maximizing both provider deployment options and end-user value.

The SpeedStream® Premium Multi-Port SOHO DSL Router has full-featured Web-based management and diagnostic tools, making support a snap. Their comprehensive routing features include: support for Network Address Translation (NAT/NAPT) Dynamic Host Configuration Protocol (DHCP), and Domain Name Server (DNS) relay.

Online security is vital, so SpeedStream® Premium Multi-Port SOHO DSL Routers come with advanced features for network protection. A simple-to-configure, ICSA-compliant stateful inspection firewall, together with NAPT, provides corporate-class security—and lets users focus on the 'Net experience, not the technology behind it.

The powerfully flexible, one- or two-box solution—get a SpeedStream® Premium Multi-Port SOHO DSL Router and network your small office/home office with DSL today!
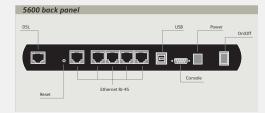
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Designed for Microsoft® Windows®2000 Windows®Me

Designed for Microsoft® Windows®XP

technical

Features and Benefits

- Five 10/100 Switched Ports—Connect multiple PCs to securely share a broadband DSL modem connection
- Provides the flexibility of connecting PCs via Ethernet or USB
- One Ethernet port may be configured as a WAN interface for a two-box solution
- Configurable ICSA-compliant Stateful Inspection Firewall with Denial of Service (DoS) protection, provides secure communication and Internet access
- Enables multiple LAN devices to share a PPPoE session
- User-friendly wizards enable effortless configuration
- Web-based management and diagnostics, along with Web-based (HTTP) configuration of PPPoE parameters enables easy deployment
- Concurrent NAT and NAPT
- 10/100 Ethernet provides full-rate LAN performance
- Up to 8 Mbps downstream and 1 Mbps upstream ADSL provides true broadband experience
- Support for G.lite and full-rate ADSL ensures compatibility with most DSL networks
- UPnP IGD insures seamless integration into Windows XP environments
- WHQL (Windows Hardware Quality Labs) certified, insuring plug-and-play USB installation on any PC running Windows® 2000, Me, or XP
- Mac OS 8.6 through 10.2.4 USB support
- Enhanced online gaming features such as DMZ and Firewall "Snooze"
- Peace of mind through parental controls such as individual user profiles and content filtering

5600 back panel

Technical Specifications

Routing
- RFC 2364 Point-to-Point Protocol over ATM (PPPoA) PVCs
- RFC 2516 Point-to-Point Protocol over Ethernet (PPPoE)
- RFC 2684 (formerly 1483) Bridged Ethernet encapsulation
- RFC 2225 (formerly 1577) Classical IP over ATM
- PPPoE Relay/Bridging
- Network Address Translation (NAT)
- Network Address Port Translation (NAPT)
- DHCP server and DNS relay agent
- Configurable PAP and CHAP authentication
- TCP/IP with RIP1 and RIP2 or static routing on the LAN and/or WAN
- Dynamic DNS support

Bridging
- RFC 2684 (formerly 1483) Bridged Ethernet over ATM PVCs
- IEEE 802.1d transparent, learning bridge
- Dynamic learning of up to 255 addresses
- Spanning Tree Algorithm

AAL and ATM Support
- Precise Peak Cell Rate traffic shaping on a per-VCC basis
- Up to 8 active VCCs across VPI 0-255, VCI 0-65535 address range
- ATM Forum UNI3.1/4.0 PVC
- ATM Traffic class: UBR, CBR, VBRnrt, VBRrt
- OAM F5

Management
- Web-based graphical user interface
- Instant operation from an operator-defined service profile
- Intuitive Command Line Interface (CLI)
- Telnet console
- SNMP v1
- UPnP IGD-NAT traversal support
- XML Management Scheme, DSL Forum 2002-281
- User profile wizard
- WAN interface configuration wizard

Security
- PAP (RFC 1334), CHAP (RFC 1994)
- Password Authentication
- Access Control list
- Stateful Inspection Firewall with Denial of Service (DoS) protection
- Pre-configured firewall levels for ease of use with "Custom" level for advanced users
- Filter on source and/or destination IP address
- Filter on transport protocol and/or port number
- Firewall logging with Network Time Protocol support and Syslog support
- DMZ support and Firewall "Snooze" feature
- Graphical User Interface
- Content filtering

Diagnostics
- Comprehensive hardware diagnostics
- Comprehensive Ethernet, ATM, and ADSL statistics
- Comprehensive system log

Media Interface
- RJ-11 ADSL connection
  - (5) 10/100 Switched Ethernet ports with Auto MDI/MDIX support (4 LAN, 1 LAN/WAN)
  - Standard USB connection
  - DB-9 RS-232 serial console port

Visual LED indicators
- Power, Link, and Activity indicators for ADSL, Ethernet, USB

Power
- External Power Supply:
  Input: 120VAC, 800mA, 60Hz
  Output: 12V/1A

Standards Compliance
- IEEE 802.1d, 802.3, and 802.3u
- ADSL: G.dmt, G.lite, ANSI T1.413 Issue 2
- USB 1.1

Certifications
- FCC Part 15, Class B; FCC Part 68; CE certification; UL listed; CSA; CS-03;
- Industry Canada Mark; WQHL

Warranty
- 1 year parts and labor for hardware
- Additional year available with product registration

System Support/
Minimum Requirements
- Ethernet Installation
- Ethernet NIC
- Operating system that supports TCP/IP over Ethernet

USB Installation
- Windows 98, 98SE, 2000, Me, or XP
- Mac OS 8.6-10.2.4
- Pentium processor 166 MHz or faster
- 32 Mb RAM
- 10 Mb free disk space
- Free USB 1.1 or higher port

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