



ADSL/Ethernet Router with Wi-Fi

HIGH-SPEED CONNECTION

ADSL/ADSL2/ADSL2+,
Fast Ethernet

802.11N DRAFT

Faster rate* and superior
wireless range

SECURITY

Multiple firewall functions

Moderate-priced Solution for High-speed Connection for SOHO Business

DSL-2600U provides all the essentials for creating a secure high-speed wireless and wired network: ADSL/ADSL2/ADSL2+ standards, Fast Ethernet standard, the built-in firewall, the QoS engine, and numerous additional features.

Security

The wireless router DSL-2600U includes a built-in firewall. The advanced security functions minimize threats of hacker attacks, prevent unwanted intrusions to your network, and block access to unwanted websites for users of your LAN.

Wireless Interface

You are able to quickly create a wireless network at home or in your office, which lets your relatives or employees connect to your wireless network virtually anywhere (within the operational range of your wireless network). The router can operate as a base station for connecting wireless devices of the standards 802.11b, 802.11g, and 802.11n*.

The router supports multiple functions for the wireless interface: several security standards (WEP, WPA/WPA2), MAC address filtering, and the WPS function.

Configuration and Management

You can configure and manage the settings of the wireless router DSL-2600U via the user-friendly web-based interface (the interface is available in several languages).

* The maximum speed of the wireless connection is limited by the chipset up to 65Mbps.

DSL-2600U

Specifications

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Hardware

Interfaces:

- ADSL: 1 RJ-11 port
- LAN: RJ-45 10/100BASE-TX Fast Ethernet port with auto-MDI/MDIX
- WLAN: built-in 802.11b, g, and n draft wireless interface.

Wireless Network:

- IEEE 802.11n draft standard¹, IEEE 802.11b/g compliant
- Support of guest wireless network
- WEP data encryption
- WPA/WPA2 security supporting TKIP, AES, and TKIP+AES
- MAC-based access to wireless network
- PIN and PBC methods of WPS
- Advanced settings.

ADSL Standards:

- ADSL:
 - multi-mode, ANSI T1.413 Issue 2, ITU-T G.992.1 (G.dmt) Annex A, ITU-T G.992.2 (G.lite) Annex A, ITU-T G.994.1 (G.hs).
- ADSL2:
 - ITU-T G.992.3 (G.dmt.bis) Annex A/L/M, ITU-T G.992.4 (G.lite.bis) Annex A.
- ADSL2+:
 - ITU-T G.992.5 Annex A/L/M.

Software

WAN Connection Types:

- ADSL:
 - PPPoE
 - PPPoA
 - IPoA
 - Static IP
 - Dynamic IP
 - Bridge.
- Ethernet:
 - PPPoE
 - Static IP
 - Dynamic IP
 - Bridge.

ATM/PPP Protocols:

- Bridged and routed Ethernet encapsulation
- VC-based or LLC-based multiplexing
- ATM Forum UNI3.1/4.0 PVC (up to 8 PVCs)
- ATM Adaptation Layer Type 5 (AAL5)
- ITU-T I.610 OAM F4/F5 loopback
- ATM QoS
- PPP over ATM (RFC 2364)
- PPP over Ethernet (PPPoE)
- Keep-alive for PPP connections.

Network Protocols and Functions:

- Static IP routing
- NAT (*Network Address Translation*)
- DHCP server/client/relay
- DNS relay
- DDNS
- UPnP
- Support of VLAN
- IGMP proxy
- IGMP snooping.

Firewall and Access Management Functions:

- Network Address Translation (NAT)
- Stateful Packet Inspection (SPI)
- MAC filtering based on time of day and day of week
- URL filter
- Packet filtering (IP/ICMP/TCP/UDP)
- Virtual servers
- Prevention of DoS attacks
- Intrusion detection system
- DMZ
- Port Triggering.

QoS:

- Interface grouping
- 3 priority queues.

Configuration and Management:

- Multilingual web-based interface for configuration and management
- Access via TELNET
- Firmware update via web-based interface
- Saving/restoring configuration to/from file
- Support of remote logging
- Automatic synchronization of system time with NTP server.

Physical and Environmental

LEDs:

- Power
- LAN
- WLAN
- WPS
- DSL
- Internet.

Power:

- External power adapter DC 12V/0.5A
- ON/OFF power switch
- ON/OFF Wi-Fi switch
- Reset to Factory Defaults button
- WPS button.

Dimensions:

- 164 mm x 112 mm x 35 mm.

Weight:

- 230 g.

Operating Temperature:

- from 0 to 40 °C (from 32 to 104 °F).

Storage Temperature:

- from -20 to 65 °C (from -4 to 149 °F).

Humidity:

- from 5% to 95% non-condensing.

Ordering Information

DSL-2600U

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