ADSL2+ MODEM

HIGH-SPEED INTERNET
Latest ADSL2+ standard provides Internet transmission of up to 24Mbps downstream, up to 2Mbps upstream

SECURE & EASY CONFIGURATION
Versatile local and remote configuration support

TOTAL COMPATIBILITY
Works with all major Internet Service Providers

AFFORDABLE HIGH-SPEED CONNECTION
The DSL-320B ADSL2+ modem is an affordable high-performance ADSL device for Internet connection. Using the ADSL2/2+ standard supporting up to 24Mbps download speed, this modem provides all the Internet speed that you need to establish a high-speed remote link to the outside world.

FAST, RELIABLE INTERNET LINK
The DSL-320B ADSL2+ modem supports "always-on" connections to eliminate dial-up wait time and busy signals. Web surfing and your e-mail are instantly available, any time. Like any ADSL modem, it lets you access the Internet using your existing phone lines, without interfering with your voice phone service. You can talk on the phone and surf the net at the same time. Along with instant connectivity, you can surf the Internet at very high speeds. With high-speed connections, you won't have to wait for downloads of graphic-intensive web pages. These speeds are also ideal for online audio/video streams, Internet games, VoIP phone communication applications, and transfers of large files over the Internet.
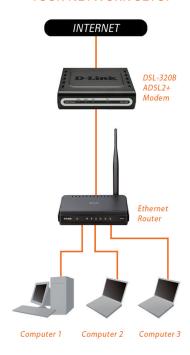
BROADBAND

WHAT THIS PRODUCT DOES

This ADSL modem connects your computer to the Internet using high-speed ADSL2/2+ standards. It provides Internet speeds of up to 24Mbps and is ideal for online games, streaming multimedia and voice communication over the Internet, as well as download of large files, photos, music and video.

GET HIGH-SPEED ADSL PERFORMANCE

Connect to your high-speed ADSL connection with up to 24Mbps downstream and 2Mbps upstream. Watch TV, listen to live music and broadcasts on the Internet, and experience clear Internet phone calls.

YOUR NETWORK SETUP

INTERNET

DSL-320B ADSL2+ Modem

Ethernet Router

Computer 1   Computer 2   Computer 3

RJ-11 ADSL Port

RJ-45 Ethernet Port

Power ON/OFF Switch

Socket for Power Adapter

TECHNICAL SPECIFICATIONS

DEVICE INTERFACES
- RJ-11 ADSL port
- RJ-45 10/100BASE-TX Ethernet LAN port with auto MDI/MDIX
- Factory reset button

ADSL STANDARDS
- Full-rate 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 STANDARDS
- ITU-T G.992.3 (G.dmt.bis) Annex A/L/M
- ITU-T G.992.4 (G.lite.bis) Annex A
- Annex M compatible: up to 2Mbps upstream

ADSL2+ STANDARDS
- ITU-T G.992.5 Annex A/M

ATM/PPP PROTOCOLS
- Multiple protocol encapsulation over AAL5
- Bridged Ethernet encapsulation
- Logical Link Control (LLC) encapsulation
- VC-based multiplexing
- RFC 1483, RFC 2684
- ATM Forum UNI3.1/4.0 PVC Up to 8 PVCs
- Multiple services, PPPoE, bridge, MER over single PVC: optional
- ATM Cell Format ITU-T Rec. I.361
- ATM Adaptation Layer Type 5 (AAL5)
- ITU-T I.610 OAM Principles & Functions include F4/F5 loopback
- ATM QoS (Traffic Shaping) UBR, CBR, rt-VBR, nrt-VBR

- PPP over ATM RFC 2364
- PPP over Ethernet RFC 2516
- PPP Link Control Protocol (LCP) RFC 1661
- Internet Protocol Control Protocol (IPCP) RFC 1332
- PPP Authentication Protocol (PAP) RFC 1334
- PPP Challenge Handshake Authentication Protocol (CHAP) RFC 1994
- Microsoft PPP CHAP extensions RFC 2433

NETWORK PROTOCOLS
- Ethernet to ADSL Self-Learning Transparent Bridging
- Simple Network Time Protocol (SNTP)

CONFIGURATION/MANAGEMENT
- Web-based GUI
- Web-based/TFTP firmware/ configuration upgrade
- TFTP server/client
- Code Lock to prevent improper firmware upgrades through UI, TFTP, or TR-069
- Telnet/SSH access for configuration (optional)
- Local access via console (optional)
- UPnP IGD 1.0 (optional)
- ADSL/ADSL2/ADSL2+ manual selection and auto fallback
- Configuration backup and restore
- Diagnostics
- Log & Trace function
- SNMP v.1 and v.2c w/ MIB-I and MIB-II (optional)

- RFC 1213, RFC 2662
- TR-069 compliant w/ ACS (optional)

DIAGNOSTIC LEDS
- Power
- Status
- DSL Link/Activity
- Ethernet Link/Activity

POWER SUPPLY
- 5VDC/1.2A external power adapter
- Dying Gasp (optional)

DIMENSIONS (L x W x H)
- 120 x 105 x 32 mm (4.72 x 4.13 x 1.26 inches)

OPERATING TEMPERATURE
- 0 to 40 ˚C (32 to 104 ˚F)

STORAGE TEMPERATURE
- -20 to 70 ˚C (-4 to 158 ˚F)

HUMIDITY
- 5% to 95% non-condensing

CERTIFICATIONS
- CE, CE TBR-21
- FCC Class B, FCC Part 68
- A-Tick
- CSA International
- RoHS compliant

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