

Draytek Vigor 2760n ADSL or VDSL with WiFi 802.11n



Product Name: Draytek Vigor 2760n ADSL or VDSL with WiFi 802.11n

Manufacturer: -

Model Number: V2760N-K

Please Note: The Draytek Vigor 2760n has been discontinued. For an alternative, we recommend the Draytek Vigor 2762n.

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The Draytek Vigor 2760n is ideal for your home or small office. It provides connectivity to your PCs or other Internet-connected devices (laptops, tablets, games consoles, smartphones) via its built-in Gigabit ports, or using Wireless LAN (on 'n' models).

Draytek Vigor 2760n Key Features

- 1/2 ADSL, ADSL2+ & VDSL Router Firewall
- 1/2 Supports both ADSL & VDSL
- 1/2 3G/4G USB Modem Support as primary or backup/failure
- 1/2 IPv6 is the new protocol for the Internet
- 1/2 Four Gigabit LAN Ethernet Ports
- 1/2 NAS facility using USB-based storage
- 1/2 802.11n Wireless LAN (on 'n' models) IPv6*

The firewall helps protect your network from external threats, as well as the Vigor2760n's built-in content filtering which gives you control over what and when your local users can access or download.

For Wireless LAN usage, the Vigor2760n version supports multiple security methods, including strong encryption but also hardware-specific authorisation and selectable client isolation (from each other).

Draytek Vigor 2760n - Technical Specifications

Physical Interfaces:

- 1/2 LAN: 4-port Gigabit (10/100/1000 Base-T)
- 1/2 WAN: RJ11 socket - supports ADSL or VDSL
- 1/2 VDSL:
 - 1/2 G.993.2 (VDSL2)
 - 1/2 G.993.1 (VDSL)
 - 1/2 G.997.1
- 1/2 VDSL Annex A, Annex C, Annex M
- 1/2 VDSL Profiles: 8a, 8b, 8c, 8d, 12a, 12b, 17a, 30a
- 1/2 OLR, UPBO, DBPO, US0
- 1/2 Loop diagnostic mode
- 1/2 ADSL:
 - 1/2 ANSI T1.413 Issue 2
 - 1/2 ITU G.992.1 (ADSL G.DMT)
 - 1/2 ITU G.992.5 (ADSL2+)
 - 1/2 ITU G.992.5 Annex M
- 1/2 ADSL Annex A & Annex M
- 1/2 3G/4G (Cellular) : Compatible with many USB 3G/4G modems; check for current list
- 1/2 USB: 2 USB 2.0 Ports (for printer, storage and 3G/4G modem)
- 1/2 Printer sharing compatible with most standard USB printers (not MFPs)
- 1/2 VoIP: Two RJ11-BT-type sockets for phones ('v' models only)
- 1/2 Two removable aerials for Wireless LAN ('n' models only)

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- Maximum Firewall Throughput : Approx 90Mb/s
- WAN Protocols : PPPoE, MPoA & PPPoA
- WAN Failover : Switch to 3G when DSL down
- 3G modem/account required
- Robust firewall with object-base rules
- Twin Independent USB2.0 Ports
- Dial-out VPN (Two tunnels IPSEC/PPTP)

VPN support:

- Up to 2 outgoing tunnels (LAN-to-LAN)
- Protocols : PPTP, IPsec, L2P, L2TP over IPsec
- PKI Certificates: Use X.509 Digital Signatures
- IKE Authentication: Pre-shared key (PSK), Phase 1 aggressive/standard, Phase 2 selectable lifetimes
- Encryption: MPPE, DES, 3DES & AES (56 & 168 bits)
- Authentication : MD5 & SHA-1
- DHCP over IPsec
- Dead-Peer-Detection (DPD))
- No extra licencing or additional VPN client costs.
- Interoperability : Compatible with other 3rd party VPN devices

Firewall:

- Stateful Packet Inspection (SPI)
- Content Security Management (CSM)
- Port Redirection & Open Ports
- Policy-based IP Packet Filter. Fully configurable policies based on IP address, MAC address (source or destination), direction, bandwidth, remote site
- DoS/DDoS Protection
- IP Address Anti-spoofing
- Object-Based Firewall
- Bind IP to MAC address
- Hardware NAT

NAS (Network Attached Storage):

- Internal Memory : 40Mb
- External Memory : USB memory key (not supplied)
- Supports Samba & FTP file access
- USB memory NTFS and FAT32 supported
- Supports multiple FTP user accounts
- FTP accounts can be read-only or read-write
- Samba access allows access to whole memory

Wireless LAN:

- IEEE 802.11n, 802.11g, 802.11b
- Frequency : 2.4Ghz MIMO 2T2R
- Encryption : WEP, WPA, WPA2
- WPS - Push-button method
- Hidden SSID
- MAC Address Access Control

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- Wireless Client List
- Access Point Discovery
- WDS (Wireless Distribution System)
- Multiple SSIDs
- Wireless LAN Client Isolation
- WMM

System Management:

- Web-Based User Interface: Integrated server for router management (via HTTP or HTTPS)
- User-configurable dashboard
- Telnet/SSH : Command line control and configuration
- Configuration Backup/Restore
- Built-in diagnostics: routing table, ARP table, DHCP table, NAT Sessions Table, data flow monitor, traffic graph, ping diagnostics, traceroute
- Firmware Upgrade by local HTTP
- Syslog Logging
- Vigor ACS-SI Centralised Management: TR-069 compatible for ACS platform
- Compatible with Smart Monitor Traffic Analyser : Windows software for up to 100 users

Bandwidth Management:

- Traffic Shaping: Dynamic bandwidth management with IP traffic shaping
- Bandwidth Reservation: Connection or client based
- Packet Size Control
- DiffServ Codepoint Classifying
- 4 Priority Levels (Inbound/Outbound)
- Individual IP Bandwidth Session Limits per user/group
- Bandwidth Borrowing
- User-defined class-based rules

Web Content Filtering & CSM

- URL Keyword Blocking: Blacklist or Whitelist
- Content Type Blocking: Java applet, cookies, Active-X
- Block P2P Applications (inc. Kazza, WinMX, Bittorrent)
- Block Instant messaging
- Block access of web sites by direct IP address (thus URLs only)
- Block HTTP download of compressed, executable or multimedia files
- Web Content Filter: GlobalView filtering of 64 web site categories (e.g. adult, gambling sites etc.). subscription required (free trial included)
- Time Scheduling: Blocking rules can be activated based on time schedules

Routing Functions:

- IPv4 & IPv6 Dual-Stack
- DNS Cache/Proxy
- DHCP Server
- DHCP Options: 1,3,6,51,53,54,58,59,60,61,66,125
- IGMP v1/v2 & Proxy/Snooping
- uPnP: 30 Sessions
- NAT: 20,000 Sessions
- NTP Client with DST Adjustments
- Dynamic DNS : Updates DDNS servers with public IP address
- Port-Based VLAN

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- Client/Call Scheduling : Real-time clock, with NTP updating schedules access or connectivity
- Wake-on-LAN : Passed from WAN to preset LAN device

Operating Requirements:

- Temperature Operating : 0°C ~ 40°C
- Storage : -25°C ~ 70°C
- Humidity 10% ~ 90% (non-condensing)
- Power Consumption: 16.3W Max (Vigor2760Vn)
- Dimensions: L182 * W125 * H40 (mm)
- Operating Power: 220-240VAC (to DC with supplied Plug-Top PSU)
- Warranty : 2 Years Manufacturer's RTB included

Please Enquire
