

Draytek Vigor 2832n ADSL Router



Product Name: Draytek Vigor 2832n ADSL Router

Manufacturer: -

Model Number: V2832N-K

Please Note: This product has been discontinued. For an alternative, please see the Draytek Vigor 2865-K.

Draytek Vigor 2832n ADSL Router - 802.11n Wireless

The DrayTek Vigor 2832n Triple WAN Router is the latest addition to the DrayTek's ADSL Router/Firewall family. Expanding on the popular Vigor 2830 series (winner of the PC Pro wireless router award), the DrayTek Vigor 2832n includes business-class features such as VLAN tagging, Gigabit Ethernet, Triple-WAN and 3G/4G support. This DrayTek Vigor 2832n Router offers truly comprehensive and unmatched ADSL connectivity and security for small businesses, home office, and end users alike.

Draytek Vigor 2832n Features

- Supports ADSL, 3G/4G (USB) and Ethernet-based Broadband
- 4-WAN Simultaneous: ADSL, Ethernet and USB 3G/4G
- Up to two 3G/4G/LTE USB modems can be used
- IPv6 Ready - See below for feature support
- 802.11n 2.4GHz Wireless LAN (on Vigor2832n)
- DrayTek Firewall with huge flexibility
- Temperature Monitoring (optional Thermometer)

Draytek Vigor 2832n - Technical Specifications

General

- Wireless Guest Portal
- Multiple Private LAN Subnets
- SMS (Text Message) Alert via 3rd party server
- VLANs (Port, 802.1q based & Wireless)
- Supports DrayTek SmartMonitor software (30 users)
- Content Filtering (by keyword, data type or category)
- LDAP Integration for VPN and user access
- QoS (Layer 2 & 3, 802.1p & TOS/DCSP)
- Up to 32 VPN tunnels for LAN-to-LAN or teleworkers (PPTP/L2TP/IPsec)
- Up to 10 SSL VPN Tunnels
- VPN Trunk/Backup to remote sites
- USB Port for Printer, Logs or 3G/4G Modem
- Optional VigorCare Available

LAN Ports (Switch)

- 4 X Gigabit Ethernet (1000Mb/s) Ports
- Port-Based VLAN (Inclusive/Exclusive Groups)
- 802.1q VLAN Tagging

USB Ports:

- 2x USB 2.0 ports for 3G/4G Modem, Printer, USB storage or USB temperature sensor
- WAN Ports:
- WAN1: ADSL, RJ11

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• WAN2: Gigabit Ethernet (1000Mb/s) Ethernet

• WAN3: USB Port for 3G/4G Cellular Modem

• WAN4: USB Port for 3G/4G Cellular Modem

Performance:

• Firewall: Up to 300Mb/s

• IPsec VPN: Up to 50Mb/s

ADSL Compatibility:

• ANSI T1.413 Issue2

• ITU-T G.992.1 G.dmt (ADSL)

• ITU-T G.992.2 G.lite

• ITU-T G.992.3 ADSL2

• ITU-T G.992.5 ADSL2+

• Annex L (READSL)

• Annex A

• Annex M

• ANFP Issue 3 Compliant/Certified (for Annex A & Annex M)

• DSL Forum : TR-048/67 & TR-100

Load Balance/Failover Features:

• Outbound Policy-Based Load-Balance

• WAN Connection Fail-over

• BoD (Bandwidth on Demand)

Vigor 2832 ATM Protocols (DSL):

• RFC-2684/RFC-1483 Multiple Protocol over AAL5

• RFC-2516 PPP over Ethernet

• RFC-2364 PPP over AAL5

• PPPoE pass through LAN/WLAN

• PPPoE/PPPoA Relay

• Transparent bridge for MPoA

• Multiple PVC support for Triple Play Applications (up to 8 simultaneous)

• Support for RFC4638 for MTU up to 1500

Wireless LAN Features ('n' Models Only):

• 802.11n with backward support for 802.11b/g

• 2.4GHz operating frequency (UK channels 1-13)

• Multiple SSID : Create up to 4 virtual wireless LANs (independent or joined)

• Optional Higher Gain or directional aerials available - [Click Here](#).

• Active Client list in Web Interface

• Wireless LAN Isolation (from VLAN groups and wired Ethernet interfaces)

• 64/128-bit WEP Encryption

• WPA/WPA2 Encryption

• Switchable Hidden SSID

• Restricted access list for clients (by MAC address)

• Time Scheduling (WLAN can be disabled at certain times of day)

• Access Point Discovery

• WDS (Wireless Distribution system) for WLAN Bridging and Repeating

• 802.1x Radius Authentication

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- Wireless VLAN
- Wireless Rate-Control
- Automatic Power Management
- 802.11e WMM (Wi-Fi Multimedia)

WAN Protocols (Ethernet):

- DHCP Client
- Static IP
- PPPoE
- PPTP
- BPA

Firewall & Security Features:

- CSM (Content Security Management):
 - URL Keyword Filtering - Whitelist or Blacklist specific sites or keywords in URLs
 - Block Websites by category (e.g. Adult, Gambling etc. Subject to subscription)
 - Prevent accessing of websites by using their direct IP address (thus URLs only)
 - Blocking automatic download of Java applets and ActiveX controls
 - Blocking of web site cookies
 - Block HTTP downloads of file types :- Binary Executable: .EXE / .COM / .BAT / .SCR / .PIF- Compressed: .ZIP / .SIT / .ARC / .CAB/ .ARJ / .RAR- Multimedia: .MOV / .MP3 / .MPEG / .MPG / .WMV / .WAV / .RAM / .RA / .RM / .AVI / .AU
 - Time Schedules for enabling/disabling the restrictions
 - Block popular P2P (Peer-to-Peer) file sharing programs
 - Block Instant Messaging programs (e.g. IRC, MSN/Yahoo Messenger etc.)
 - Multi-NAT, DMZ Host
 - Port Redirection and Open Port Configuration
 - Policy-Based Firewall
 - MAC Address Filter
 - SPI (Stateful Packet Inspection) with new FlowTrack Mechanism
 - DoS / DDoS Protection
 - IP Address Anti-spoofing
 - E-Mail Alert and Logging via Syslog
 - Bind IP to MAC Address

Bandwidth Management:

- QoS
 - Guaranteed Bandwidth for VoIP
 - Class-based Bandwidth Guarantee by User-Defined Traffic Categories
 - Layer 2&3 (802.1p & TOS/DCSP)
 - DiffServ Code Point Classifying
 - 4-level Priority for each Direction (Inbound / Outbound)
 - Bandwidth Borrowed
 - Temporary (5 minutes) Quick Blocking of any LAN Client
 - Bandwidth / Session Limitation

Network/Router Management:

- Web-Based User Interface (HTTP / HTTPS)
- CLI (Command Line Interface) / Telnet / SSH
- Administration Access Control
- Configuration Backup / Restore

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- Built-in Diagnostic Function
- Firmware Upgrade via TFTP / FTP
- Logging via Syslog
- SNMP v3 Management with MIB-II
- TR-069
- TR-104

VPN Facilities:

- Up to 32 Concurrent VPN Tunnels (incoming or outgoing)
- Up to 10 SSL VPN Tunnels for remote workers
- Tunneling Protocols: PPTP, IPSec, L2TP, L2TP over IPSec
- IPSec Main and Aggressive modes
- IKE Phase 1 DiffieHelman Groups 1,2,5 & 14
- IKE Phase 2 DiffieHelman Groups 1,2,5 & 14 (will match phase 1 selection)
- Encryption : MPPE, DES and Hardware-Based AES (128/192/256bits) / DES / 3DES (168bits)
- Authentication: Hardware-Based MD5, SHA-1 and SHA-256
- IKE Authentication: Pre-shared Key or X.509 Digital Signature
- LAN-to-LAN & Teleworker-to-LAN connectivity/DHCP over IPSec
- NAT-Traversal (NAT-T)
- Dead Peer Detection (DPD)
- VPN Pass-Through
- MOTP (Mobile One Time Password)

Network Features:

- DHCP Client / Relay / Server
- DHCP Option 66 support
- Dynamic DNS
- NTP Client (Synchronise Router Time)
- Call Scheduling (Enable/Trigger Internet Access by Time)
- RADIUS Client
- UPnP Support

Routing Protocols:

- Static Routing
- RIP V2

Operating Requirements:

- Rack Mountable (Optional Vigor RM1 mounting bracket required)
- Wall Mountable
- Temperature Operating : 0°C ~ 45°C
- Storage : -25°C ~ 70°C
- Humidity 10% ~ 90% (non-condensing)
- Power Consumption: 18 Watt Max.
- Dimensions: L240.96 * W165.07 * H43.96 (mm)
- Operating Power: DC 15V (via external PSU, supplied)
- Warranty : Two (2) Years RTB
- Power Requirements : 220-240VAC

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Please Enquire
