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

ï¿½ Supports ADSL, 3G/4G (USB) and Ethernet-based Broadband
ï¿½ 4-WAN Simultaneous: ADSL, Ethernet and USB 3G/4G
ï¿½ Up to two 3G/4G/LTE USB modems can be used
ï¿½ IPv6 Ready - See below for feature support
ï¿½ 802.11n 2.4GHz Wireless LAN (on Vigor2832n)
ï¿½ DrayTek Firewall with huge flexibility
ï¿½ Temperature Monitoring (optional Thermometer)

Draytek Vigor 2832n - Technical Specifications

General

ï¿½ Wireless Guest Portal
ï¿½ Multiple Private LAN Subnets
ï¿½ SMS (Text Message) Alert via 3rd party server
ï¿½ VLANs (Port, 802.1q based & Wireless)
ï¿½ Supports DrayTek SmartMonitor software (30 users)
ï¿½ Content Filtering (by keyword, data type or category)
ï¿½ LDAP Integration for VPN and user access
ï¿½ QoS (Layer 2&3, 802.1p & TOS/DCSP)
ï¿½ Up to 32 VPN tunnels for LAN-to-LAN or teleworkers (PPTP/L2TP/IPsec)
ï¿½ Up to 10 SSL VPN Tunnels
ï¿½ VPN Trunk/Backup to remote sites
ï¿½ USB Port for Printer, Logs or 3G/4G Modem
ï¿½ Optional VigorCare Available

LAN Ports (Switch)

ï¿½ 4 X Gigabit Ethernet (1000Mb/s) Ports
ï¿½ Port-Based VLAN (Inclusive/Exclusive Groups)
ï¿½ 802.1q VLAN Tagging

USB Ports:

ï¿½ 2x USB 2.0 ports for 3G/4G Modem, Printer, USB storage or USB temperature sensor
ï¿½ WAN Ports:
ï¿½ WAN1: ADSL, RJ11

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ï¿½ WAN2: Gigabit Ethernet (1000Mb/s) Ethernet
ï¿½ WAN3: USB Port for 3G/4G Cellular Modem
ï¿½ WAN4: USB Port for 3G/4G Cellular Modem

Performance:

ï¿½ Firewall: Up to 300Mb/s
ï¿½ IPSec VPN: Up to 50Mb/s

ADSL Compatibility:

ï¿½ ANSI T1.413 Issue2
ï¿½ ITU-T G.992.1 G.dmt (ADSL)
ï¿½ ITU-T G.992.2 G.lite
ï¿½ ITU-T G.992.3 ADSL2
ï¿½ ITU-T G.992.5 ADSL2+
ï¿½ Annex L (READSL)
ï¿½ Annex A
ï¿½ Annex M
ï¿½ ANFP Issue 3 Compliant/Certified (for Annex A & Annex M)
ï¿½ DSL Forum : TR-048/67 & TR-100

Load Balance/Failover Features:

ï¿½ Outbound Policy-Based Load-Balance
ï¿½ WAN Connection Fail-over
ï¿½ BoD (Bandwidth on Demand)

Vigor 2832 ATM Protocols (DSL):

ï¿½ RFC-2684/RFC-1483 Multiple Protocol over AAL5
ï¿½ RFC-2516 PPP over Ethernet
ï¿½ RFC-2364 PPP over AAL5
ï¿½ PPPoE pass through LAN/WLAN
ï¿½ PPPoE/PPPoA Relay
ï¿½ Transparent bridge for MPoA
ï¿½ Multiple PVC support for Triple Play Applications (up to 8 simultaneous)
ï¿½ Support for RFC4638 for MTU up to 1500

Wireless LAN Features ('n' Models Only):

ï¿½ 802.11n with backward support for 802.11b/g
ï¿½ 2.4GHz operating frequency (UK channels 1-13)
ï¿½ Multiple SSID : Create up to 4 virtual wireless LANs (independent or joined)
ï¿½ Optional Higher Gain or directional aerials available - Click Here.
ï¿½ Active Client list in Web Interface
ï¿½ Wireless LAN Isolation (from VLAN groups and wired Ethernet interfaces)
ï¿½ 64/128-bit WEP Encryption
ï¿½ WPA/WPA2 Encryption
ï¿½ Switchable Hidden SSID
ï¿½ Restricted access list for clients (by MAC address)
ï¿½ Time Scheduling (WLAN can be disabled at certain times of day)
ï¿½ Access Point Discovery
ï¿½ WDS (Wireless Distribution system) for WLAN Bridging and Repeating
ï¿½ 802.1x Radius Authentication

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ï¿½ Wireless VLAN
ï¿½ Wireless Rate-Control
ï¿½ Automatic Power Management
ï¿½ 802.11e WMM (Wi-Fi Multimedia)

WAN Protocols (Ethernet):

ï¿½ DHCP Client
ï¿½ Static IP
ï¿½ PPPoE
ï¿½ PPTP
ï¿½ BPA

Firewall & Security Features:

ï¿½ CSM (Content Security Management):
ï¿½ URL Keyword Filtering - Whitelist or Blacklist specific sites or keywords in URLs
ï¿½ Block Websites by category (e.g. Adult, Gambling etc. Subject to subscription)
ï¿½ Prevent accessing of websites by using their direct IP address (thus URLs only)
ï¿½ Blocking automatic download of Java applets and ActiveX controls
ï¿½ Blocking of web site cookies
ï¿½ 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
ï¿½ Time Schedules for enabling/disabling the restrictions
ï¿½ Block popular P2P (Peer-to-Peer) file sharing programs
ï¿½ Block Instant Messaging programs (e.g. IRC, MSN/Yahoo Messenger etc.)
ï¿½ Multi-NAT, DMZ Host
ï¿½ Port Redirection and Open Port Configuration
ï¿½ Policy-Based Firewall
ï¿½ MAC Address Filter
ï¿½ SPI (Stateful Packet Inspection) with new FlowTrack Mechanism
ï¿½ DoS / DDoS Protection
ï¿½ IP Address Anti-spoofing
ï¿½ E-Mail Alert and Logging via Syslog
ï¿½ Bind IP to MAC Address

Bandwidth Management:

ï¿½ QoS
ï¿½ Guaranteed Bandwidth for VoIP
ï¿½ Class-based Bandwidth Guarantee by User-Defined Traffic Categories
ï¿½ Layer 2&3 (802.1p & TOS/DCSP)
ï¿½ DiffServ Code Point Classifying
ï¿½ 4-level Priority for each Direction (Inbound / Outbound)
ï¿½ Bandwidth Borrowed
ï¿½ Temporary (5 minutes) Quick Blocking of any LAN Client
ï¿½ Bandwidth / Session Limitation

Network/Router Management:

ï¿½ Web-Based User Interface (HTTP / HTTPS)
ï¿½ CLI (Command Line Interface) / Telnet / SSH
ï¿½ Administration Access Control
ï¿½ Configuration Backup / Restore

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ï¿½ Built-in Diagnostic Function
ï¿½ Firmware Upgrade via TFTP / FTP
ï¿½ Logging via Syslog
ï¿½ SNMP v3 Management with MIB-II
ï¿½ TR-069
ï¿½ TR-104

VPN Facilities:

ï¿½ Up to 32 Concurrent VPN Tunnels (incoming or outgoing)
ï¿½ Up to 10 SSL VPN Tunnels for remote workers
ï¿½ Tunnelling Protocols: PPTP, IPSec, L2TP, L2TP over IPSec
ï¿½ IPSec Main and Aggressive modes
ï¿½ IKE Phase 1 DiffieHelman Groups 1,2,5 & 14
ï¿½ IKE Phase 2 DiffieHelman Groups 1,2,5 & 14 (will match phase 1 selection)
ï¿½ Encryption : MPPE, DES and Hardware-Based AES (128/192/256bits) / DES / 3DES (168bits)
ï¿½ Authentication: Hardware-Based MD5, SHA-1 and SHA-256
ï¿½ IKE Authentication: Pre-shared Key or X.509 Digital Signature
ï¿½ LAN-to-LAN & Teleworker-to-LAN connectivityDHCP over IPSec
ï¿½ NAT-Traversal (NAT-T)
ï¿½ Dead Peer Detection (DPD)
ï¿½ VPN Pass-Through
ï¿½ MOTP (Mobile One Time Password)

Network Features:

ï¿½ DHCP Client / Relay / Server
ï¿½ DHCP Option 66 support
ï¿½ Dynamic DNS
ï¿½ NTP Client (Synchronise Router Time)
ï¿½ Call Scheduling (Enable/Trigger Internet Access by Time)
ï¿½ RADIUS Client
ï¿½ UPnP Support

Routing Protocols:

ï¿½ Static Routing
ï¿½ RIP V2

Operating Requirements:

ï¿½ Rack Mountable (Optional Vigor RM1 mounting bracket required)
ï¿½ Wall Mountable
ï¿½ Temperature Operating : 0°C ~ 45°C
ï¿½ Storage : -25°C ~ 70°C
ï¿½ Humidity 10% ~ 90% (non-condensing)
ï¿½ Power Consumption: 18 Watt Max.
ï¿½ Dimensions: L240.96 * W165.07 * H43.96 (mm)
ï¿½ Operating Power: DC 15V (via external PSU, supplied)
ï¿½ Warranty : Two (2) Years RTB
ï¿½ Power Requirements : 220-240VAC

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Please Enquire