

Draytek Vigor 2832 ADSL Router



Product Name: Draytek Vigor 2832 ADSL Router

Manufacturer: Draytek

Model Number: V2832-K

Please Note: This product is currently on pre-order. For an alternative please see the Draytek Vigor V2765-K 1 Gb Ethernet Dual-WAN Firewall VPN Router.

Draytek Vigor 2832 ADSL Router - Non-wireless model

The DrayTek Vigor 2832 is a router/firewall for ADSL lines. Alternative WAN ports can provide connectivity to Ethernet feeds, secondary xDSL modems or a 3G/4G cellular service using a supported USB adaptor. This latest router series includes support for professional features such as VLAN tagging, Gigabit Ethernet built-in WiFi ('n' models).

Draytek Vigor 2832 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)

Packed with professional-level features, the Vigor 2832 series is compatible with all UK variants of ADSL (including ADSL2+ and Annex M) and the Vigor 2832 can also be used for cable-modem, leased line and EFM applications using its Gigabit Ethernet WAN port. A 4-port Gigabit Ethernet switch on the LAN side provides high-speed connectivity for your server, other local PCs or for uplink to a larger Ethernet switch. Comprehensive security features include content filtering, web application controls and an object based firewall management system.

Draytek Vigor 2832 - Technical Specifications

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

- 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

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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
- Wireless Guest Portal
- Multiple Private LAN Subnets
- SMS (Text Message) Alert via 3rd party server

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

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 Web sites by category (e.g. Adult, Gambling etc. Subject to subscription)
 - Prevent accessing of web sites 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.)

Draytek Vigor 2832 ADSL Router

- 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 minute) 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
- 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
- Tunnelling 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 connectivityDHCP over IPSec
- NAT-Traversal (NAT-T)
- Dead Peer Detection (DPD)
- VPN Pass-Through
- MOTP (Mobile One Time Password)

Network Features:

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- 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

Price: £160.00