

Draytek Vigor 2865-K VDSL/ADSL Router/Firewall



Product Name: Draytek Vigor 2865-K VDSL/ADSL Router/Firewall

Manufacturer: Draytek

Model Number: V2865-K

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The DrayTek Vigor 2865-K is a DSL Router with VPN for Small Business and Remote Working.

DrayTek Vigor 2865-K ADSL Router Key Features

- VDSL2 (Superfast Fibre) and Gigabit Ethernet WAN Router
- Multi-WAN Gigabit Performance Router with Load-Balancing & Failover
- Up to 950Mbps Firewall Throughput for Ethernet WAN
- 5+1 Gigabit RJ-45 LAN Ports
- Up to 800Mbps VPN Throughput with IPsec acceleration
- 32 LAN-to-LAN & Remote Teleworker VPN Tunnels
- 16 DrayTek SSL VPN or OpenVPN Tunnels

The DrayTek Vigor 2865 features Multi-WAN Firewall VPN, ideal for Superfast VDSL Broadband and Ethernet-based FTTP Fibre Broadband. Other highlights include Gigabit throughput, Quality of Service, VPN client/server, comprehensive Firewall and Content Filtering controls. The Vigor 2865 series provides a reliable, flexible, and secure networking solution, that's ideal for Home Offices, Small Business and Satellite Offices.

DrayTek Vigor 2865-K ADSL Router - Technical Specifications

Physical Interfaces:

- WAN1: VDSL2 / VDSL2 35b / ADSL2+, RJ-11
- WAN2/LAN Switchable Port: 1x Gigabit Ethernet (1G/100M/10M), RJ-45
- LAN Ports: 5x Gigabit Ethernet (1G/100M/10M), RJ-45
- 2x USB 2.0 Ports for 3G/4G Modem, thermometer or Printer or 1x USB 2.0 Port (&L'squo;L’ models)
- 2x PSTN RJ-11 Telephone Ports (‘Vac’ model)
- Wireless On / Off / WPS button
- Recessed Factory Reset button

Performance:

NAT Performance:

- 100 Mb/s Max Sync Rate with VDSL2
- 300 Mb/s Max Sync Rate with VDSL2 35b
- 950 Mb/s NAT Throughput for Ethernet WAN with Hardware Acceleration
- 1.3Gb/s Total Multi-WAN NAT Throughput
- 800 Mb/s NAT Throughput per WAN without Hardware Acceleration
- 60,000 NAT Sessions
- 8000 Hardware Accelerated NAT Sessions

VPN Performance:

- 300 Mb/s IPsec (AES256) VPN Performance
- 800 Mb/s Hardware Accelerated IPsec VPN Performance - New!
- 130 Mb/s SSL VPN Performance
- Max. 32 Concurrent VPN Tunnels
- Max. 16 Concurrent SSL VPN / OpenVPN Tunnels

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WAN Interfaces:

- ½ WAN1: VDSL2 / VDSL2 35b / ADSL2+
- ½ WAN2: Gigabit Ethernet

Internet Connection:

- ½ Load Balancing: IP-based, Session-based
- ½ Hardware Acceleration
- ½ 802.1p/q Multi-VLAN Tagging
- ½ Multi-VLAN/PVC
- ½ 2.4GHz & 5GHz Simultaneous Wireless WAN (with ‘ac’ models)
- ½ WAN Active on Demand: Link Failure, Traffic Threshold
- ½ Connection Detection: PPP, ARP Detect, Ping Detect
- ½ WAN Data Budget
- ½ Dynamic DNS
- ½ DrayDDNS – with automated LetsEncrypt Certificates
- ½ Full Feature-set Hardware Acceleration:

- ½ Hardware Accelerated Quality of Service
- ½ Multi-WAN Data Budget
- ½ Traffic Graph & Data Flow Monitor
- ½ Bandwidth Limit

½ IPv4 Connection Types: PPPoA, PPPoE, MPoA, DHCP, Static IP, PPTP/L2TP (Ethernet WAN only)

½ IPv6 Connection Types:

- ½ Ethernet: PPP, DHCPv6, Static IPv6, TSPC, AICCU, 6rd, 6in4 Static Tunnel
- ½ 4G/LTE Modem & USB 4G/LTE Modem: TSPC, AICCU

VDSL & ADSL Features

- ½ BT Infinity Option 1 & Option 2 Compatible
- ½ Compliant with Openreach SIN 498
- ½ Auto Detection of VDSL and ADSL line modes
- ½ Support for G.INP & Vectoring
- ½ VDSL Standards:

- ½ ITU-T G.993.1 VDSL
- ½ ITU-T G.993.2, G.997.1 VDSL2
- ½ Band Plan: G.998, G.997
- ½ Annex A, Annex B, Annex C
- ½ VDSL2 Profile: 8a, 8b, 8c, 8d, 12a, 12b, 17a, 35b
- ½ OLR, UPBO, DPBO Supported
- ½ US0 Supported
- ½ Loop Diagnostic Mode
- ½ DSL Forum WT-114

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• ADSL Standards:

- 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+

• ATM Protocols:

- RFC-2684/RFC-1483 Multiple Protocol over AAL5
- RFC-2516 PPP over Ethernet
- RFC-2364 PPP over AAL5
- Support for RFC4638 for MTU up to 1500

Operating Requirements:

- Rack Mountable (Optional Vigor RM1 mounting bracket required)
- Wall or Shelf Mountable with included fittings
- Temperature Operating: 0 °C ~ 45 °C
- Storage: -25 °C ~ 70 °C
- Humidity 10% ~ 90% (non-condensing)
- Operating Power: DC 12V (via external PSU, supplied)
- Power Requirements : 220-240VAC
- Weight: 620g ('ac' model)
- Dimensions:
 - 241mm Width
 - 165mm Depth
 - 44mm Height

Box Contents

- Vigor 2865 series router
- Quick Start Guide
- Screws & wall plugs for wall mounting
- 2m Cat-5e RJ-45 Network Cable
- DC 12V Power Supply with UK Plug

Price: £225.00