

## Draytek Vigor 2865-K VDSL/ADSL Router/Firewall



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

Manufacturer: Draytek

Model Number: V2865-K

Draytek Vigor 2865-K VDSL/ADSL Router/Firewall

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

- 1/2 VDSL2 (Superfast Fibre) and Gigabit Ethernet WAN Router

- 1/2 Multi-WAN Gigabit Performance Router with Load-Balancing & Failover

- 1/2 Up to 950Mbps Firewall Throughput for Ethernet WAN

- 1/2 5+1 Gigabit RJ-45 LAN Ports

- 1/2 Up to 800Mbps VPN Throughput with IPsec acceleration

- 1/2 32 LAN-to-LAN & Remote Teleworker VPN Tunnels

- 1/2 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:

- 1/2 WAN1: VDSL2 / VDSL2 35b / ADSL2+, RJ-11

- 1/2 WAN2/LAN Switchable Port: 1x Gigabit Ethernet (1G/100M/10M), RJ-45

- 1/2 LAN Ports: 5x Gigabit Ethernet (1G/100M/10M), RJ-45

- 1/2 2x USB 2.0 Ports for 3G/4G Modem, thermometer or Printer or 1x USB 2.0 Port (‘L’ models)

- 1/2 2x PSTN RJ-11 Telephone Ports (‘Vac’ model)

- 1/2 Wireless On / Off / WPS button

- 1/2 Recessed Factory Reset button

Performance:

1/2 NAT Performance:

- 1/2 100 Mb/s Max Sync Rate with VDSL2

- 1/2 300 Mb/s Max Sync Rate with VDSL2 35b

- 1/2 950 Mb/s NAT Throughput for Ethernet WAN with Hardware Acceleration

- 1/2 1.3Gb/s Total Multi-WAN NAT Throughput

- 1/2 800 Mb/s NAT Throughput per WAN without Hardware Acceleration

- 1/2 60,000 NAT Sessions

- 1/2 8000 Hardware Accelerated NAT Sessions

1/2 VPN Performance:

- 1/2 300 Mb/s IPsec (AES256) VPN Performance

- 1/2 800 Mb/s Hardware Accelerated IPsec VPN Performance - New!

- 1/2 130 Mb/s SSL VPN Performance

- 1/2 Max. 32 Concurrent VPN Tunnels

- 1/2 Max. 16 Concurrent SSL VPN / OpenVPN Tunnels

## Draytek Vigor 2865-K VDSL/ADSL Router/Firewall

### WAN Interfaces:

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

### Internet Connection:

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

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

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

- IPv6 Connection Types:

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

### VDSL & ADSL Features

- BT Infinity Option 1 & Option 2 Compatible
- Compliant with Openreach SIN 498
- Auto Detection of VDSL and ADSL line modes
- Support for G.INP & Vectoring
- VDSL Standards:
- ITU-T G.993.1 VDSL
- ITU-T G.993.2, G.997.1 VDSL2
- Band Plan: G.998, G.997
- Annex A, Annex B, Annex C
- VDSL2 Profile: 8a, 8b, 8c, 8d, 12a, 12b, 17a, 35b
- OLR, UPBO, DPBO Supported
- US0 Supported
- Loop Diagnostic Mode
- DSL Forum WT-114

## Draytek Vigor 2865-K VDSL/ADSL Router/Firewall

### ½ ADSL Standards:

- ½ ANSI T1.413 Issue2
- ½ ITU-T G.992.1 G.dmt (ADSL)
- ½ ITU-T G.992.2 G.lite
- ½ ITU-T G.992.3 ADSL2
- ½ ITU-T G.992.5 ADSL2+

### ½ ATM Protocols:

- ½ RFC-2684/RFC-1483 Multiple Protocol over AAL5
- ½ RFC-2516 PPP over Ethernet
- ½ RFC-2364 PPP over AAL5
- ½ Support for RFC4638 for MTU up to 1500

### Operating Requirements:

- ½ Rack Mountable (Optional Vigor RM1 mounting bracket required)
- ½ Wall or Shelf Mountable with included fittings
- ½ Temperature Operating: 0 °C ~ 45 °C
- ½ Storage: -25 °C ~ 70 °C
- ½ Humidity 10% ~ 90% (non-condensing)
- ½ Operating Power: DC 12V (via external PSU, supplied)
- ½ Power Requirements : 220-240VAC
- ½ Weight: 620g ('ac' model)
- ½ Dimensions:
  - ½ 241mm Width
  - ½ 165mm Depth
  - ½ 44mm Height

### Box Contents

- ½ Vigor 2865 series router
- ½ Quick Start Guide
- ½ Screws & wall plugs for wall mounting
- ½ 2m Cat-5e RJ-45 Network Cable
- ½ DC 12V Power Supply with UK Plug

**Price: £225.00**