

# Vigor 2763

**DrayTek**

The Ideal SoHo VPN Router for VDSL and Gigabit Fibre.

Datasheet



## Product Overview

The DrayTek Vigor 2763 series VDSL and Ethernet VPN routers are ideal for Small Office and Home Office networks. Featuring powerful Firewall and Content Filtering, configurable Quality of Service and an array of VPN capabilities, with the performance to make full use of FTTP Fibre Broadband.

Incorporating Wireless in the Vigor 2763ac model, the Vigor 2763 series provide a reliable, highly integrated and reliable connectivity solution for SoHo networks.

## Key Features & Benefits

### VDSL and Ethernet Router

Connect the Vigor 2763 to Superfast Fibre with its integrated VDSL modem. Or connect to VirginMedia Cable and Ultrafast FTTP with Ethernet WAN.

**Benefits:** Suitable for all UK Broadband services. DrayTek Firewall, Content Filtering and Quality of Service.

### Powerful SoHo VPN Router

Connect remote locations with 2 VPN tunnels for Remote Dial-In User Teleworker and Dial-Out LAN to LAN VPN. Up to 200Mbps IPsec performance, with SSL and OpenVPN support.

**Benefits:** Securely access resources remotely

### AC1300 Wireless with Mesh

Connect DrayTek VigorAP Access Points to the router in a wireless Mesh. DrayTek's Self-Optimising Mesh ensures access points are always connecting through the best path to you Router.

**Benefits:** Easily expand wireless coverage. Reduces the need for cable installation.

### 4 Gigabit LAN Ports with VLANs

Allows Computers, Servers and Network Attached Storage to transfer at Gigabit speed. Up to 4 LAN subnets and VLANs allow you to keep Guest networks from accessing private network data.

**Benefits:** Improve quality of service for private and guest data traffic.

### Packed with Features

Configure DrayTek's rich feature set to fit your network with App level network management, Route Policy, Quality of Service, VPN Matcher, advanced 2-factor security, DrayDDNS and more.

**Benefits:** Convenient and powerful DrayTek router features for hassle-free networking.

### VigorACS Central Management

DrayTek's Powerful VigorACS central management platform allows you to manage, monitor and configure the Vigor 2763, along with all other DrayTek products remotely across multiple locations.

**Benefits:** Save time and money. Easy provision, monitor and manage remote sites without on-site IT or dedicated staff.

UK Product Code	EAN	Product Name	Product Description
V2763-K	4710484745330	Vigor 2763 (UK/IE)	Vigor 2763 wired VDSL and Ethernet Router
V2763AC-K	4710484745347	Vigor 2763ac (UK/IE)	Vigor 2763ac VDSL and Ethernet Router with Wi-Fi 5 AC1300 Wireless

## Key Specification

- VDSL (Superfast Fibre) or Gigabit Ethernet WAN Router with Failover
- Up to 950Mbps Firewall Throughput for Ethernet WAN
- 4 Gigabit LAN Ports
- AC1300 - 11ac 'Wave 2' Dual Band Wireless ('ac' models)
- 4 Lan Subnets with VLANs (Port-based/802.1q)
- SPI Firewall and Content Filtering
- Up to 200Mbps IPsec VPN Throughput
- 2 LAN-to-LAN or Remote Teleworker VPN Tunnels
- DrayTek SSL VPN and OpenVPN support
- Optional VigorCare Available
- Compatible with VigorACS central management platform



## Technical Specification (UK Hardware Spec.)

### Physical Interfaces

- WAN1: VDSL/ADSL2+, RJ-11
- Wan2/Lan Switchable Port: 1x Gigabit Ethernet (1G/100M/10M), RJ45
- Wan3: USB 2.0 Port for 3G/4G Modem (not included)
- LAN ports: 4x Gigabit Ethernet (1G/100M/10M), RJ-45 (3x with WAN2 enabled)
- 2x USB 2.0 Port for USB storage, thermometer or Printer
- 2x Removable Wireless antennas (wireless models)
- Wireless On/Off/WPS button
- Recessed Factory Reset button

### Performance

- Router performance:
  - 100 Mb/s Max Sync Rate with VDSL2
  - 950 Mb/s NAT Throughput for Ethernet WAN with Hardware Acceleration
  - 700 Mb/s NAT Throughput per WAN without Hardware Acceleration
  - 50,000 NAT sessions
- VPN Performance:
  - 200 Mb/s IPsec (AES256) VPN Throughput
  - 80 Mb/s SSL VPN Throughput
  - Max. 2 Concurrent VPN Tunnels

### Internet Connection

- Hardware Acceleration
- Failover/Backup WAN
- 802.1p/q Multi-VLAN Tagging
- Multi-VLAN/PVC
- 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: PPPoE/PPPoA, MPoA, DHCP, Static IP, PPTP/L2TP (Ethernet WAN)
- IPv6 Connection Types:
  - DSL & Ethernet: PPP, DHCPv6, Static IPv6, TSPP, AICCU, 6rd, 6in4 Static Tunnel
  - USB 4G/LTE Modem: TSPP, AICCU

### Quality of Service (QoS)

- Classify via TOS, DSCP, 802.1p, IP Address, Service Type
- 4 Priority Queues
- App QoS
- VoIP Prioritization
- Class-based Outbound Traffic Tagging: DSCP & IP Precedence
- Hardware QoS - **New!**

### Antenna Specifications

- Wireless Antennas (wireless 'ac' models):
  - 2x External Dipole
  - 5GHz Gain: 4dBi
  - 2.4GHz Gain: 2dBi

### Firewall & Content Filtering

- IP-based Firewall Policy
- DoS Attack Defence
- Spoofing Defence
- Content Filtering:
  - Application Content Filter
  - URL Content Filter
  - DNS Keyword Filter
  - Web Features
  - Web Category Filter (requires GlobalView Subscription)
  - DoH (DNS over HTTPS) & DoT (DNS over TLS) Filtering - **New!**

### NAT Features

- NAT Port Redirection
- Open Ports
- Port Triggering
- DMZ Host
- UPnP
- ALG (Application Layer Gateway): SIP (configurable), RTSP (configurable), FTP, H.323
- VPN Pass-Through: PPTP, L2TP, IPsec

### LAN Management

- 802.1q Tag-based, Port-based VLAN
- Up to 4 LAN Subnets
- Up to 8 VLANs
- DHCP Server:
  - Multiple IP Subnet
  - Custom DHCP Options
  - Bind-IP-to-MAC
  - DHCP Pool Count up to 253 addresses per subnet
- Wired 802.1x Port Authentication
- Port Mirroring
- Local DNS Server
- Conditional DNS Forwarding

### Bandwidth Management

- IP-based Bandwidth Limit
- App-based Bandwidth Limit - **New!**
- IP-based Session Limit

## Technical Specification (UK Hardware Spec.)

### Networking Features

- Policy-based Routing: Protocol, IP Address, Port, Domain/Hostname, Country - **New!**
- DNS Security (DNSSEC)
- Local RADIUS server
- SMB File Sharing (Requires external USB storage)
- Multicast: IGMP Proxy, IGMP Snooping & Fast Leave, Bonjour
- Compatible with IPTV and ISP Video on Demand services (YouView, Sky Q)
- Routing Features: IPv4 & IPv6 Static Routing, Inter-VLAN Routing

### VPN Features

- 2 Concurrent active VPN Tunnels
- LAN-to-LAN - Dial-in VPN Server
- Teleworker-to-LAN - Dial-In VPN Server
- IKE Authentication: Pre-Shared Key and Digital Signature (X.509)
- Encryption: MPPE, DES, 3DES, AES (128/192/256)
- Authentication: SHA-256, SHA-1
- Dead Peer Detection (DPD)
- IPsec NAT-Traversal (NAT-T)
- Virtual IP Mapping - Resolve VPN IP subnet/range conflicts
- DHCP over IPsec
- DrayTek VPN Matcher - Connect to a VPN router that's behind NAT/CG-NAT - **New!**
- VPN Protocols:
  - IPsec IKEv1, IKEv2, IKEv2 EAP
  - IPsec-Xauth
  - DrayTek SSL VPN
  - OpenVPN
  - PPTP for legacy applications
  - L2TP, L2TP over IPsec
- User Authentication:
  - Local
  - RADIUS
  - mOTP - [Mobile One Time Password](#)
  - TOTP - Time-based One Time Password, use with Google Authenticator - **New!**

### Management

- Local Service: HTTP, HTTPS, Telnet, SSH, FTP, TR-069
- Config File Export & Import
- Import Config from Vigor 2760 and Vigor 2762, 2765, 2766
- Auto Backup Config to USB Storage - **New!**
- Firmware Upgrade via TFTP, HTTP, TR-069
- 2-Level Administration Privilege
- Access Control Features: Access List, Brute Force Protection
- Syslog
- SMS, E-mail Notification Alert
- SNMP: v1, v2c, v3
- Managed by VigorACS
- Router Central Management Features:
  - AP Management: Up to 2 VigorAP access points
  - DrayTek Mesh: Up to 7 VigorAP access points - **New!**

### Operating Requirements

- Wall or Shelf Mountable
- Temperature Operating: 0 °C ~ 40 °C
- Storage: -25 °C ~ 70 °C
- Humidity: 10%-90% (non-condensing)
- Power Consumption: 21 Watts maximum (ac model)
- Operating Power: DC 12V (via external PSU, supplied)
- Power Requirements: 220-240VAC
- Dimensions:
  - 207mm Width
  - 131mm Depth
  - 42mm Height

### Warranty

- 2 Years RTB
- Optional [VigorCare](#) Enhanced Warranty Available
- VigorCare A3 3-Year Subscription: VCARE-A3
- VigorCare A5 5-Year Subscription: VCARE-A5

### 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, 30a (not 35b or G.fast)
  - OLR, UPBO, DPBO Supported
  - US0 Supported
  - Loop Diagnostic Mode
  - DSL Forum WT-114
- 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

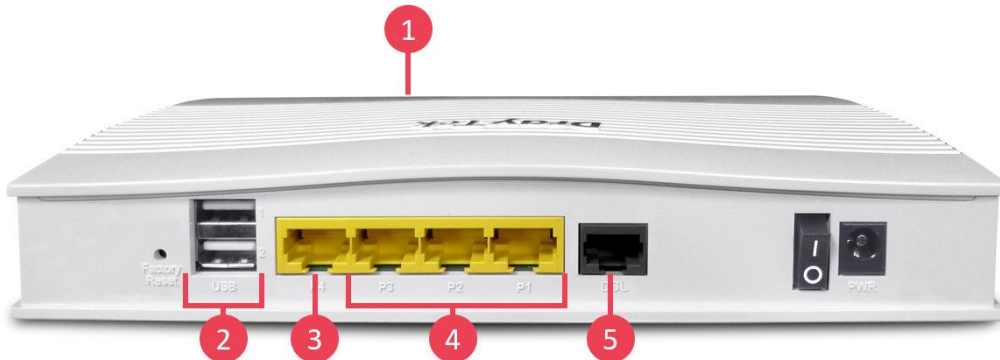
### Wireless Features ('ac' models)

- AC1300 - 11ac 'Wave 2' Dual Band Wireless ('ac' models):
  - 802.11ac 2x2 wireless access point
  - 2.4GHz: 2x2 MIMO with 2 dBi Antenna Gain
  - 5GHz: 2x2 MU-MIMO with 4 dBi Antenna Gain
  - Backwards Compatible with 802.11a/b/g/n wireless
  - Dual-band (2.4/5GHz) simultaneous wireless
  - Up to 866Mbps PHY rate at 80MHz with 5GHz
  - Up to 400Mbps PHY rate at 40MHz with 2.4GHz (256-QAM)
  - Channel Bandwidth: 20/40MHz for 2.4GHz, 20/40/80MHz for 5GHz
  - MU-MIMO
  - Tx Beamforming
- Mesh Root support with DrayTek VigorAP Mesh Nodes - **New!**
- Up to 4 SSIDs per radio band
- [Extended 5GHz Band](#) - Channels 36-48, 52-64, 100-140
- Wireless Optimisation: Airtime Fairness, AP-Assisted Mobility, Band Steering
- Bandwidth Management (Per Station/Per SSID)
- WMM (Wireless MultiMedia)
- WPS - WiFi Protected Setup
- Station Control - Time limited wireless connectivity per Station (e.g. 1 hour)
- EAPOL Key Retry - [Disable EAPOL Key Retry](#) to protect unpathed WLAN clients from KRACK
- Wireless Security:
  - WPA2
  - WPA3 - **New!**
  - Pre-Shared Key Authentication
  - WEP/WPA for Legacy Clients
  - Access Control - Blacklist/Whitelist MAC addresses per SSID

### Box Contents

- Vigor 2763 series router
- Quick Start Guide
- Screws & wall plugs for wall mounting
- 2m Cat-5e RJ-45 Network Cable
- 2x Detachable Wireless LAN Antennas ('ac' models)
- DC 12V Power Supply with UK Plug

## Vigor 2763



- 1 LED Status Indicators
- 2 USB 2.0 Ports
- 3 1GbE RJ-45 LAN/WAN Port
- 4 3x 1GbE RJ-45 LAN Ports
- 5 VDSL2 / ADSL2+ RJ-11 Port



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## Vigor 2763ac