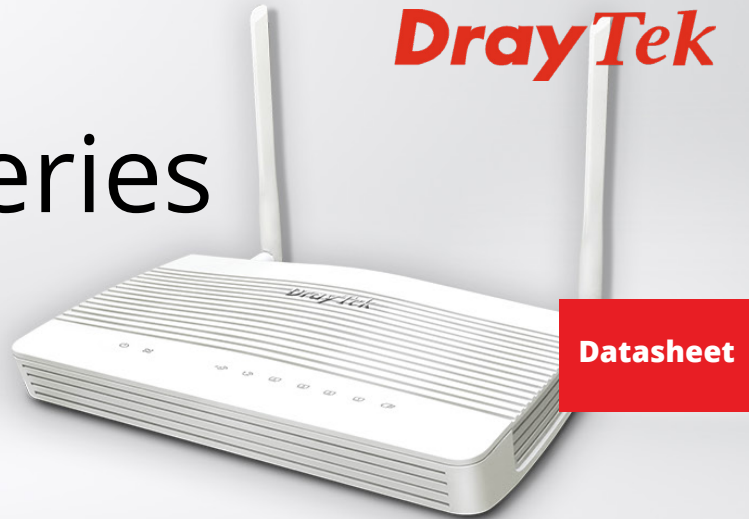


Vigor 2767 Series

**VDSL and 2.5GbE Ethernet VPN
Router Ideal for Small Office
and Home Office Networks**



Datasheet

Product Overview

The DrayTek Vigor 2767 is a powerful, future-ready router designed for small offices, home offices, and SMEs. Running on DrayOS 5, it delivers secure, ultra-fast connectivity for today's Superfast Fibre and tomorrow's multi-gigabit broadband. It features a VDSL2/ADSL2+ WAN port and a 2.5GbE switchable WAN/LAN port for flexible FTTP or failover setups. With firewall throughput of up to 2.3Gbps, it easily handles demanding tasks such as 4K streaming, cloud access, and online gaming.

This series supports WireGuard, OpenVPN, and IPsec VPNs for secure remote access. QoS and bandwidth controls prioritise essential traffic, while a robust firewall, Web Content Filtering, and Threat Protection Lite protect against online threats – all with minimal management.

Built for scalability, the Vigor 2767's multi-gigabit hardware and flexible configuration deliver fast, reliable, and secure performance for professional, business, and home environments – keeping your network ready for the future.

Key Features & Benefits

VDSL/ADSL2+ Router

Ultimate VDSL/ADSL2+ router delivering fast, reliable broadband performance for home and small business networks.

Benefits: Works with a wide range of ISPs and line types, providing versatile deployment options.

Wi-Fi 6 - AX3000 Performance

Wi-Fi 6 wireless provides gigabit Wi-Fi with reliable throughput. Ideal for time-sensitive video conferencing, low latency gaming and handling 4K Ultra-HD streaming without buffering.

Benefits: Improve wireless performance. Built with the latest technologies.

2.5GbE Interface for Fibre Broadband

Make full use of Fibre Broadband with the Vigor 2767's 2.5GbE WAN port and up to 2.3 Gigabit NAT throughput.

Benefits: Unleash the full potential of fibre broadband: over 2 Gigabit CPE with flexible application.

High-Performance VPN Router for SMB

Securely connect remote sites at high speed, up to 16 VPN tunnels. Connect remote workers to network resources and secure connectivity, with OpenVPN and WireGuard support.

Benefits: Provide secure, encrypted network access for remote workers.

3x 1Gb + 1x 2.5Gb Ethernet LAN Ports with VLANs

Attach Computers, Servers and Network Attached Storage directly, with up to 4 LAN ports. Use VLANs to supply Broadband and VPN connectivity to as many as 4 separate networks.

Benefits: Improve the quality of service for private and guest data traffic. Mix fixed and virtual configurations.

Automated Failover Options

Support for VDSL on WAN1 and FTTP on WAN2 enables uninterrupted internet connectivity and network resilience by automatically switching to a secondary, backup connection if the primary one fails.

Benefits: Continuous business operations, prevents downtime.

Key Specification

- VDSL2 or 2.5GbE Ethernet Router with Failover
- 1x 2.5 Gigabit RJ-45 switchable WAN/LAN Port
- 3x Gigabit RJ-45 LAN Ports
- In total 4 (3+1) LAN ports (1 is the WAN/LAN switchable)
- Up to 2.3Gbps Firewall Throughput
- Up to 300Mbps IPsec VPN Throughput
- 16x LAN-to-LAN & Remote Teleworker VPN Tunnels
- AX3000 – Wi-Fi 6 Dual Band Wireless (*'ax' models*)
- SPI Firewall and Content Filtering
- Compatible with VigorACS central management platform*

Vigor 2767 Router Models

UK Product Code	EAN	Product Name	Product Description
V2767-K	4711637180039	Vigor 2767 (UK/IE)	Vigor 2767 VDSL 2.5GbE Ethernet Router
V2767AX-K	4711637180046	Vigor 2767ax (UK/IE)	Vigor 2767ax VDSL 2.5GbE Ethernet Router with AX3000 Wireless

Technical Specification (UK Hardware Spec.)

Physical Interfaces

- WAN Interfaces:
 - WAN1: VDSL2 / ADSL2+, RJ-11
 - WAN2/LAN Switchable Port: 2.5Gigabit Ethernet (2.5G/1G/100M/10M), RJ-45
 - WAN3: 2.4GHz Wireless WAN (*'ax' models*)
 - WAN4: 5GHz Wireless WAN (*'ax' models*)
 - WAN5: LTE USB Modem (not included)
 - WAN6: LTE USB Modem (not included)
- LAN Ports:
 - 3x Gigabit Ethernet (1G/100M/10M), RJ-45
 - 1x 2.5GbE Ethernet (2.5G/1G/100M/10M), RJ-45
- 2x USB 2.0 Ports for LTE Modem, Thermometer or Printer
- 2x Removable Wireless LAN antennas (*'ax' models*)
- Wireless On / Off / WPS button (*'ax' models*)
- Recessed Factory Reset button

Performance

- NAT Performance:
 - 2.3 Gb/s NAT Throughput for Single WAN
 - 50,000 NAT Sessions
- VPN Performance:
 - 300 Mb/s IPsec (AES256) VPN Performance
 - Max. 16 Concurrent VPN Tunnels

Internet Connection

- Failover / Backup WAN
- 802.1p/q Multi-VLAN Tagging
- Multi-VLAN/PVC
- 2.4GHz or 5GHz Wireless WAN (*'ax' models*)
- Connection Detection: ARP Detect, Ping Detect
- WAN Data Budget
- Dynamic DNS
- DrayDDNS – with automated Let's Encrypt Certificates
- Full Feature-set Hardware Acceleration:
 - Hardware Accelerated Quality of Service
 - Multi-WAN Data Budget
 - Bandwidth Limit
- IPv4 Connection Types: PPPoE, PPPoA, DHCP, Static IP
- IPv6 Connection Types: Ethernet: PPP, DHCPv6, Static IPv6, TSPC, 6rd, 6in4

VDSL & ADSL2+ Features

- BT Infinity Option 1 & Option 2 Compatible
- Compliant with Openreach SIN 498
- Auto Detection of VDSL and ADSL line modes
- Support for Vectoring
- VDSL Standards:
 - ITU-T G.993.1 VDSL
 - ITU-T G.993.2, G.997.1 VDSL2
 - Annex A, Annex B, Annex C
 - VDSL2 Profile: 8a, 8b, 8c, 8d, 12a, 12b, 17a, 30a, 35b
 - OLR, UPBO, DPBO Supported
 - US0 Supported
 - Loop Diagnostic Mode
 - DSL Forum WT-114
- ADSL2 Standards:
 - 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

Antenna Specifications (*'ax' models*)

- Wireless Antennas:
 - 2x External Dipole
 - 5GHz Gain: 2.7 dBi
 - 2.4GHz Gain: 2.6 dBi
 - 1x Internal PIFA for 5GHz
 - Gain: 4dBi
 - RP-SMA fitting antenna connectors

Firewall & Content Filtering

- IP-based or User-based (IAM) Firewall Policy
- User-based Time Quota (IAM)
- DoS Attack Defence
- Spoofing Defence
- Content Filtering:
 - Application Content Filter
 - URL Content Filter
 - Web Category Filter*

Wireless Features ('ax' models)

- AX3000 Wi-Fi 6 Wireless:
 - 802.11ax 2x2 wireless access point
 - Backwards Compatible with 802.11a/b/g/n/ac wireless
 - Dual-band (2.4/5Ghz) simultaneous wireless
 - Up to 2402Mbps PHY rate at 160MHz with 5GHz
 - Up to 574Mbps PHY rate at 40MHz with 2.4GHz
 - Channel Bandwidth: 20/40MHz for 2.4GHz, 20/40/80/160MHz for 5GHz
 - OFDMA
 - MU-MIMO
 - Tx Beamforming
 - 1024-QAM
- Mesh Root support with DrayTek VigorAP Mesh Nodes^
- Up to 8 SSIDs (4 per radio band)
- Extended 5Ghz Band - Channels 36-48, 52-64, 100-140
- Wireless Optimisation: AP-Assisted Mobility, Band Steering
- WMM (Wireless MultiMedia)
- WPS - Wi-Fi Protected Setup
- Wireless Security:
 - WPA2
 - WPA3 Personal
 - WPA3/WPA2 Personal
 - WPA2 Personal
 - WPA2/WPA Personal
 - WPA3 Enterprise
 - WPA2 Enterprise
 - WPA2/WPA Enterprise
 - OWE
 - Legacy: WPA Personal, WPA Enterprise, WEP Personal for Legacy Clients
 - Pre-Shared Key authentication
 - Enterprise 802.1x authentication
 - Identity Access Policies (MAC address, Login, Guest Hotspot)

NAT Features

- NAT Port Redirection
- Port Forwarding
- DMZ Host
- Port Trigger
- UPnP
- ALG (Application Layer Gateway): SIP, RTSP, FTP, H.323
- NAT Traversal (NAT-T)

LAN Management

- 802.1q Tag-based, Port-based VLAN
- Up to 4 LAN Subnets (NAT or Routing mode selectable per LAN interface)
- Up to 8 VLANs
- DHCP Server:
 - Multiple IP Subnet
 - Custom DHCP Options
 - Bind-IP-to-MAC
 - DHCP Relay per LAN
- Wired 802.1x Port Authentication
- Conditional DNS Forwarding
- Hotspot Web Portal
 - Hotspot Authentication: Click-Through, External Portal Server, Social Login
- Port Mirroring

Networking Features

- Policy-based Routing: Protocol, IP Address, Port, Domain/Hostname
- DNS Security (DNSSEC)
- Local RADIUS server
- SMB File Sharing (Requires external USB storage)
- Routing Features: IPv4 & IPv6 Static Routing, Inter-VLAN Routing, RIP v1/v2/ng, BGP, OSPF

VPN Features

- Up to 16 active VPN tunnels
- Up to 300Mb/s IPsec
- LAN-to-LAN - Dial-In VPN Server & Dial-Out VPN Client
- Teleworker-to-LAN - Dial-In VPN Server
- IKE Authentication: Pre-Shared Key and Digital Signature (X.509)
- Encryption: DES, 3DES, AES (128/192/256)
- Authentication: SHA-256, SHA-1
- Dead Peer Detection (DPD)
- IPsec NAT-Traversal (NAT-T)
- DHCP over IPsec
- VPN Protocols:
 - IPsec IKEv1, IKEv2, IKEv2 EAP
 - IPsec-XAuth
 - OpenVPN
 - WireGuard
 - EasyVPN -**New!**
- User Authentication:
 - Local
 - RADIUS
 - TACACS+
 - mOTP - Mobile One Time Password
 - TOTP- Time-based One Time Password, compatible with Google Authenticator

Bandwidth Management

- IP-based Bandwidth Limit
- IP-based Session Limit
- QoS (Quality of Service):
 - Classify via TOS, DSCP, 802.1p, IP Address, Service Type
 - 4 Priority Queues
 - App QoS
 - VoIP Prioritization

Management

- Local Service: HTTP, HTTPS, Telnet, SSH v2, FTP, TR-069
- Config File Export & Import
- 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
- Compatible with DrayTek VigorACS Management Platform*

Router-based Central Management Features

- Virtual AP Controller: Up to 20 VigorAP access points
- Virtual Switch Controller: Up to 5 VigorSwitch network switches
- DrayTek Mesh: Up to 7 VigorAP access points (wireless model)^

Operating Requirements

- PSU Power Requirements: 100-240VAC
- Power Consumption
 - Vigor 2767: 13.7W (12V @ 1.15A)
 - Vigor 2767ax: 21.6W (12V @ 1.8A)
- Temperature Operating: 0 °C ~ 40 °C
- Storage: -25 °C ~ 70 °C
- Humidity 10% ~ 90% (non-condensing)
- Wall Mountable

Box Contents

- Vigor 2767 series router
- Quick Start Guide
- Cat-5e RJ-45 Network Cable
- RJ-11 DSL Cable
- 2x Detachable Wireless LAN Antennas ('ax' models)
- DC 12V Power Supply with UK Plug

Physical Specifications

- Dimensions:
 - 207mm Width
 - 131mm Depth
 - 42mm Height
- Weight
 - Vigor 2767: 455.3g
 - Vigor 2767ax: 506.4g

ROHS, UKCA & CE Compliant Warranty:

- Standard: Two (2) Year, RTB
- Software security updates:
 - 5 years after the EOL notification. Please note that this only applies to products sold in the UK
- VigorCare Extended Warranty
 - VigorCare A3 3 Year Subscription: VCARE-A3
 - VigorCare A5 5 Year Subscription: VCARE-A5

* - subscription required: Group B, URLR-B (includes free 30-day trial)

^ - visit the *DrayTek Mesh Model Compatibility* page for mesh compatibility details