

DrayTek

Vigor2766 Series

G.fast VPN Router



Vigor2766 Series has one G.fast supported DSL WAN, delivering fiber-like speed up to 1 Gbps, and one configurable Ethernet WAN for backup. The built-in DSL modem is backward compatible with VDSL2 profile 35b supervectoring and ADSL2+. Featuring VPN, QoS, route policy, firewall, content filtering, bandwidth management, captive hotspot portal, and a lot more, Vigor2766 Series is perfect for tech-savvies who would like to take full control of the network. The series includes models with built-in 11ac Wave 2 WiFi, 802.11ax WiFi, and VoIP gateway.

G.Fast

2 VPN

50k Sessions

AX3000

(ax model only)



Interface

① Fixed WAN Port	1 x RJ-11 for G.fast/VDSL2 35b/ADSL2+
② Fixed LAN Port	3 x 10/100/1000Base-T, RJ-45
③ LAN/WAN Switchable Port	1 x 10/100/1000Base-T, RJ-45 (P4)
④ USB Port	2 x USB 2.0
⑤ VoIP	2 x FXS, RJ-11 (V model)
Button	1 x Factory Reset 1 x Wireless On/OFF/WPS (wireless model)

DSL

VDSL Standards	ITU-T G.993.2 Annex A/B/M/Q ITU-T G.993.5 (Vectoring)
VDSL2 Profile	8a, 8b, 8c, 8d, 12a, 12b, 17a, 35b
G.fast Profile	106Mhz, 212Mhz
ADSL Standards	ITU-T G.992.3 (G.dmt.bis)*, ITU-T G.992.5 (ADSL2+) (G.adslplus)
Other Standards	ITU-T G.998.4 (Retransmission)
Band Plan	998, 997

* AnnexA support only

	WLAN	VoIP
Vigor2766		
Vigor2766ac/ax	●	
Vigor2766Vac	●	●

Internet Connection

IPv4	PPPoE, PPPoA, DHCP, Static IP, MPoA, PPTP/L2TP
IPv6	PPP, DHCPv6, Static IPv6, TSPP, AICCU, 6rd, 6in4 Static Tunnel
Multi-VLAN/PVC	•
WAN Failover	•
Connection Detection	ARP, Ping
WAN Data Budget	•
Dynamic DNS	•
DrayDDNS	•

LAN Management

VLAN	802.1q Tag-based, Port-based
Max. Number of VLAN	8
Number of LAN Subnet	4
DHCP Server	Multiple IP Subnet, Custom DHCP Options, Bind-IP-to-MAC
Wired 802.1x Authentication	•
Port Mirroring	•
Local DNS Server	•
Conditional DNS Forwarding	•
Hotspot Web Portal	•
Hotspot Authentication	Click-Through, Social Login, SMS PIN, Voucher PIN, RADIUS, External Portal Server

Networking

Routing	IPv4 Static Routing, IPv6 Static Routing, Inter-VLAN Routing, RIP v1/v2
Policy-based Routing	Protocol, IP Address, Port, Domain, Country
DNS Security (DNSSEC)	•
IGMP	IGMP v2/v3, IGMP Proxy, IGMP Snooping & Fast Leave
SMB File Sharing	• (Requires external storage)

VPN

LAN-to-LAN	•
Teleworker-to-LAN	•
Protocols	PPTP, L2TP, IPsec, L2TP over IPsec, SSL, IKEv2, IKEv2-EAP, IPsec-XAuth, OpenVPN
User Authentication	Local, RADIUS, mOTP
IKE Authentication	Pre-Shared Key, X.509
IPsec Authentication	SHA-1, SHA-256, MD5
Encryption	MPPE, DES, 3DES, AES128, AES192, AES256
Single-Armed VPN	•
NAT-Traversal (NAT-T)	•
DrayTek VPN Matcher	•

VoIP (V model)

Protocol	SIP, RTP/RTCP, ZRTP
SIP Registrars	6
Dial Plan	Phone Book, Digit Map, Call Barring, Regional
Call Features	Call Waiting, Call Transfer, Scheduled DND, Hotline
Voice Codec	G.711 A/u law, G.726, G.729 A/B
Caller ID	FSK_ETSI, FSK_BELLCORE, DTMF

Firewall & Content Filtering

NAT	Port Redirection, Open Ports, Port Triggering, DMZ Host, UPnP
ALG	SIP, RTSP, FTP, H.323
VPN Pass-Through	PPTP, L2TP, IPsec
IP-based Firewall Policy	•
Content Filtering	Application, URL, DNS Keyword, Web Features, Web Category* (*: subscription required)
DoS Attack Defense	•
Spoofing Defense	•

Wireless LAN (ac/ax model)

WiFi 6	• (ax model)
Number of SSID	4 per radio band
Security Mode	OWE, WEP, WPA, WPA2, Mixed(WPA+WPA2), WPA3
Authentication	Pre-Shared Key, 802.1X
OFDMA	• (ax model)
WPS	PIN, PBC
WDS	Repeater (5GHz only)
Access Control	Access List, Client Isolation, Hide SSID, WLAN Scheduling
AirTime Fairness	•
Band Steering	•
MU-MIMO	• (5G Only)
WMM	•

Bandwidth Management

IP-based Bandwidth Limit	•
IP-based Session Limit	•
QoS (Quality of Service)	TOS, DSCP, 802.1p, IP Address, Port, Application
VoIP Prioritization	•

Management

Local Service	HTTP, HTTPS, Telnet, SSH, FTP, TR-069
Config File Export & Import	•
Firmware Upgrade	TFTP, HTTP, TR-069
2-Level Administration Privilege	•
Access Control	Access List, Brute Force Protection
Notification Alert	SMS, E-mail
Netflow	• (v5, v9, IPFIX)
SNMP	v1, v2c, v3
Syslog	•
Managed by VigorACS	•
Central AP Management	2 VigorAP
Mesh Network	7 VigorAP (ac/ax model)



Vigor2766ax