DrayTek Vigor 2866 AC G.Fast VPN Router with AC1300 Wireless with VoIP (V2866VAC-K)

Product Name: DrayTek Vigor 2866 AC G.Fast VPN Router with AC1300 Wireless with VoIP (V2866VAC-K)

Manufacturer: Draytek

Model Number: V2866VAC-K

DrayTek Vigor 2866 AC G.Fast VPN Router with AC1300 Wireless and VoIP (V2866VAC-K)

The Vigor 2866 is a G.fast, VDSL2/ADSL2+, and Ethernet WAN router with VPN, advanced routing capabilities, firewall, content filtering, bandwidth management, and other features. With its integrated G.fast and VDSL modem, the Vigor 2866 can connect to Superfast Fibre.

Connect to VirginMedia Cable and Ultrafast FTTP with Ethernet WAN, or connect to VirginMedia Cable and Ultrafast FTTP with Ethernet WAN. Suitable for managing Fibre to the Premises (FTTP) and Gigabit Internet connections, with high throughput, load balancing, and failover connectivity. Hardware Accelerated throughput of up to 950Mbps per-WAN is available while retaining its full feature set.

DrayTek V2866 Key Features

ï¿½ G.fast (Ultrafast Fibre), VDSL2 (Superfast Fibre), ADSL and Ethernet Router
ï¿½ Multi-WAN Gigabit Performance Router with Load-Balancing & Failover
ï¿½ Up to 950Mbps Firewall Throughput for Ethernet WAN
ï¿½ 5+1 Gigabit RJ-45 LAN Ports
ï¿½ Up to 800Mbps VPN Throughput with IPsec acceleration
ï¿½ 32 LAN-to-LAN & Remote Teleworker VPN Tunnels
ï¿½ 16 DrayTek SSL VPN or OpenVPN Tunnels
ï¿½ AC1300 - 11ac "Wave 2" Dual Band Wireless with Mesh ("ac" models)
ï¿½ 8 LAN Subnets with VLANs (Port-based / 802.1q)
ï¿½ SPI Firewall and Content Filtering
ï¿½ Optional VigorCare Available
ï¿½ Compatible with VigorACS central management platform

Perfect SMB VPN Router

VPN (Virtual Private Networking) capabilities are a key feature of DrayTek routers. You can use a VPN to connect remote offices and branch offices to HQ, as well as home-based/mobile teleworkers to your workplace. With 300 Mbps typical IPsec VPN throughput and up to 50 continuously active VPN tunnels, the Vigor 2866 is an excellent VPN router.

IPsec Hardware Acceleration improves performance by up to 800 Mbps for up to 16 VPN tunnels, allowing safe encrypted tunnels between sites to take advantage of high-speed Internet connections. It can connect to VPN services, connect remote offices, and handle connections from all types of VPN clients because it supports all common industry standard VPN protocols.

DrayTek's SSL VPN and L2TP for both LAN to LAN and Dial-In teleworker VPNs support IPsec IKEv1 and IKEv2 protocols with EAP and XAuth authentication. Teleworkers can also use OpenVPN to connect to the router.

The router's web interface is used to manage user accounts for Dial-In Teleworkers, with mOTP 2-factor authentication provided for IPsec, L2TP, and SSL VPN Teleworker connections. Alternatively, your Active Directory (LDAP), RADIUS, or TACACS+ server can be used to authenticate Dial-In Teleworker connections.

Connect VPNs from Behind NAT

DrayTek's new VPN Matcher service allows Dial-In Teleworkers to connect to DrayTek routers behind NAT, or connect two DrayTek VPN routers that would otherwise be unable to establish a VPN tunnel.

Connect Remote Sites with LAN to LAN VPN

The Vigor 2866 series, which supports up to 32 continuously active VPN tunnels, is perfect for linking several sites or home offices with fast and secure IPsec VPN tunnels. Once connected, users enjoy secure encrypted access to your office/remote resources, including remote desktop,

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file sharing, and seamless access to other resources and devices.

5+1 Gigabit LAN Ports with VLANS

Up to 6 Gigabit LAN ports are available on the Vigor 2866 series for wired connections to computers, servers, and network attached storage. The Vigor 2866 can connect up to 6 devices directly with a single Ethernet WAN setup, or 5 devices with a dual Ethernet WAN configuration, thanks to its 5 dedicated LAN ports and one flexible LAN/WAN connector.

The Vigor 2866 can manage up to 8 different networks using several LAN subnets and VLANs. For example, an internal network with a second network for visitors to use that is fully independent from the private network. Content Filtering, Firewall, Quality of Service, and Route Policy are all applied to each network.

The router supports full 802.1Q VLAN tagging, allowing these subnets to be transmitted to other VLAN-capable devices, such as the DrayTek VigorSwitch G1080 8-port switch, for additional network ports. The Wireless LAN is also connected to these VLANs, allowing for the creation of Guest and Private networks with the use of various wireless SSIDs. Alternatively, a DrayTek VigorAP wireless access point, such as the VigorAP 903, can be used to achieve the same goal, spanning the router's own wifi as well as any other wireless APs connected to it.

Designed for Central Management

The VigorACS central management platform can manage the Vigor 2866 series (as well as most other DrayTek routers, access points, and switches). This scalable solution gives you complete access, management, and reporting over your entire DrayTek product estate, making it great for dealers/SIs managing customers' devices or any user who wants to know what's going on with theirs. VigorACS additionally has capabilities such as automated/bulk firmware updates, VPN management, and connectivity and other issue alarms.

View the datasheet for more information.

DrayTek V2866 - Technical Specifications

Physical Interfaces

ï¿½ WAN1: G.fast / VDSL2 / VDSL2 35b / ADSL2+, RJ-11
ï¿½ WAN2/LAN Switchable Port: 1x Gigabit Ethernet (1G/100M/10M), RJ-45
ï¿½ LAN Ports: 5x Gigabit Ethernet (1G/100M/10M), RJ-45
ï¿½ 2x USB 2.0 Ports for 3G/4G Modem, thermometer or Printer
ï¿½ or 1x USB 2.0 Port (‘L’ models)
ï¿½ 2x Removable Wireless antennas (wireless models)
ï¿½ 2x Removable 4G/LTE Wireless antennas (‘L’ models)
ï¿½ Wireless On / Off / WPS button
ï¿½ Recessed Factory Reset button

Antenna Specifications

ï¿½ Wireless Antennas (wireless ‘ac’ models):

ï¿½ 2x External Dipole Antennas
ï¿½ 5GHz Gain: 4.5 dBi
ï¿½ 2.4GHz Gain: 5 dBi
ï¿½ RP-SMA fitting antenna connectors

ï¿½ LTE Antennas (‘L’ models):

ï¿½ 2x External Dipole
ï¿½ 2x 1m extension base included
ï¿½ Gain: 3 dBi
ï¿½ SMA fitting antenna connectors

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Performance

ï¿½ NAT Performance:

ï¿½ 1.3Gb/s Max Sync Rate with G.fast (dependant on ISP & Exchange equipment)
ï¿½ 100 Mb/s Max Sync Rate with VDSL2
ï¿½ 300 Mb/s Max Sync Rate with VDSL2 35b
ï¿½ 950 Mb/s NAT Throughput for Ethernet WAN with Hardware Acceleration
ï¿½ 1.8Gb/s Total Multi-WAN NAT Throughput
ï¿½ 700 Mb/s NAT Throughput per WAN without Hardware Acceleration
ï¿½ 60,000 NAT Sessions
ï¿½ 8000 Hardware Accelerated NAT Sessions

ï¿½ VPN Performance:

ï¿½ 300 Mb/s IPsec (AES256) VPN Performance
ï¿½ 800 Mb/s Hardware Accelerated IPsec VPN Performance - New!
ï¿½ 130 Mb/s SSL VPN Performance
ï¿½ Max. 32 Concurrent VPN Tunnels
ï¿½ Max. 16 Concurrent SSL VPN / OpenVPN Tunnels

WAN Interfaces

ï¿½ WAN1: G.fast / VDSL2 / VDSL2 35b / ADSL2+
ï¿½ WAN2: Gigabit Ethernet
ï¿½ WAN3: 2.4GHz Wireless WAN (‘ac’ models)
ï¿½ WAN4: 5GHz Wireless WAN (‘ac’ models)
ï¿½ WAN5: 4G/LTE USB Modem (not included)
ï¿½ or Integrated 4G/LTE Category 6 Modem (‘L’ models only)
ï¿½ WAN6: 4G/LTE USB Modem (not included)

Internet Connection

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

ï¿½ Hardware Accelerated Quality of Service
ï¿½ Multi-WAN Data Budget

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ï¿½ Traffic Graph & Data Flow Monitor
ï¿½ Bandwidth Limit

ï¿½ IPv4 Connection Types: PPPoE, DHCP, Static IP, PPTP/L2TP
ï¿½ IPv6 Connection Types:

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

G.Fast, VDSL & ADSL Features

ï¿½ BT Infinity Option 1 & Option 2 Compatible
ï¿½ Compliant with Openreach SIN 527 & SIN 498
ï¿½ Auto Detection of G.fast, VDSL and ADSL line modes
ï¿½ Support for G.INP & Vectoring

G.Fast Standards

ï¿½ ITU-T G.9700, G.9701 G.fast
ï¿½ Profile: 212MHz & 106MHz

VDSL Standards

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

ADSL Standards

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

See datasheet for full technical specification.

Please Enquire