

Draytek Vigor 2926 Dual-WAN Router Firewall



Product Name: Draytek Vigor 2926 Dual-WAN Router Firewall

Manufacturer: -

Model Number: V2926-K

Please Note: This product has been discontinued. Please see the Draytek Vigor 2927 Dual-WAN Firewall VPN Router.

Draytek Vigor 2926 Dual-WAN Router Firewall

The Draytek Vigor 2926 is a dual-Ethernet WAN firewall for load-balancing or failover. It is also a fully featured firewall, VPN concentrator and content filtering device. This Vigor 2926 router series includes support for professional features such as VLAN tagging and Gigabit Ethernet.

Draytek Vigor 2926 Key Features

• Supports dual Ethernet-based Broadband and USB 3G/4G LTE

• 4-WAN Simultaneous: Dual Gigabit Ethernet and dual optional USB 3G/4G

• IPv4/IPv6 dual-stack

• Centrally managed by VigorACS

Robust and Comprehensive Firewall

The firewall feature of the Vigor 2926 protects against attacks including DoS (Denial of Service), IP-based, and access by unauthorised remote systems. The DrayTek object-based firewall allows even more setup flexibility than ever, enabling you to create combinations of users, rules and restrictions to suit multi-departmental organisations.

WAN Load Balancing and Backup

The Vigor 2926 features WAN connectivity via its two WAN Ethernet ports and two USB ports for connection of a compatible 3G or 4G modem. The ethernet ports can connect to DSL modems, a cable modem, or any other Ethernet-based Internet feed. The multiple WAN interfaces can be used either for WAN backup or load balancing.

Draytek Vigor 2926 - Technical Specifications

Physical Interfaces

• LAN Ports (Switch)-5 X Gigabit Ethernet (1000Mb/s) Ports (Configurable Physical DMZ on Port4) LAN Port 5 Switchable with WAN2 (req. f/w 3.8.8 or later)

• WAN Ports:-WAN1 : Gigabit Ethernet (1000Mb/s) Ethernet-WAN2 : Gigabit Ethernet (1000Mb/s) Ethernet for load balance and WAN failover Switchable with LAN Port 5-WAN3 : USB 2.0 Port for 3G/4G Modem, thermometer or Printer-WAN4 : USB 2.0 Port for 3G/4G Modem or Printer-Wireless WAN - Wireless interface can provide WAN connectivity

Performance

• Firewall: Up to 400Mb/s max

• IPSec VPN: Up to 60Mb/s max

Load Balance/Failover Features

• Outbound Policy-Based Load-Balance to direct traffic via:-NAT or Routing-WAN Interface-LAN Interface-Specific LAN Gateway-VPN Tunnel

• IP-Based or Session-Based Load Balance modes

• WAN Connection Fail-over

• BoD (Bandwidth on Demand)

• Configurable Load-Balance pool, specify WAN interfaces to load balance

• WAN Budget

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WAN Protocols (Ethernet)

- DHCP Client
- Static IP
- PPPoE
- PPTP
- BPA

Firewall & Security Features

• CSM (Content Security Management):

• URL Keyword Filtering - Whitelist or Blacklist specific sites or keywords in URLs

- Block Web sites by category (e.g. Adult, Gambling etc. Subject to subscription)
- Prevent accessing of web sites by using their direct IP address (thus URLs only)
- Blocking automatic download of Java applets and ActiveX controls
- Blocking of web site cookies
- Block http downloads of file types :-Binary Executable : .EXE / .COM / .BAT / .SCR / .PIF-Compressed : .ZIP / .SIT / .ARC / .CAB/. ARJ / .RAR-Multimedia : .MOV / .MP3 / .MPEG / .MPG / .WMV / .WAV / .RAM / .RA / .RM / .AVI / .AU
- Time Schedules for enabling/disabling the restrictions
- Block popular P2P (Peer-to-Peer) file sharing programs
- Block Instant Messaging programs (e.g. IRC, Skype/Yahoo Messenger etc.)

- DNS Filter: Use DNS to enforce categorisation
- Web Portal
- Multi-NAT (32 WAN IPs per WAN1 & WAN2)
- DMZ Host
- DMZ Port (via LAN port P1, switchable)
- 40 Port Redirection rules
- 40 Open Port rules (10 port ranges per rule)
- Policy-Based Firewall
- MAC Address Filter
- SPI (Stateful Packet Inspection) with new FlowTrack Mechanism
- DoS / DDoS Protection
- IP Address Anti-spoofing
- E-Mail Alert and Logging via Syslog
- Bind IP to MAC Address
- User Management:

• Up to 200 Profiles

- Supports external authentication via LDAP or RADIUS
- Per User Bandwidth and Time Quota
- Schedule Control to delete or disable account automatically

Bandwidth Management

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- Quality of Service (QoS - For devices in the NAT subnets according to source or destination IP)-Guaranteed Bandwidth for VoIP-Class-based Bandwidth Guarantee by User-Defined Traffic Categories-Layer 2&3 (802.1p & TOS/DCSP)-DiffServ Code Point Classifying-4-level Priority for each Direction (Inbound / Outbound)-Bandwidth Borrowed-App QoS: Classify traffic by Application

- Temporary (5 minute) Quick Blocking of any LAN Client

- Bandwidth Limit (Shared or individual limit)

- Smart Bandwidth Limitation (Triggered by Traffic / Session)

- Session Limit

Network/Router Management

- Web-Based User Interface (HTTP / HTTPS)

- CLI (Command Line Interface) / Telnet / SSH

- Web Console: Access CLI through Web Interface

- Administration Access Control

- Brute Force Protection

- Configuration Backup / Restore

- Configuration Import from Vigor 2920 and Vigor 2925

- Built-in Diagnostic Function

- Firmware Upgrade via Web Interface, TFTP, FTP

- Logging via Syslog

- Supports SmartMonitor (up to 50 IPs monitored)

- SNMP v3 Management with MIB-II

- TR-069

- TR-104

- Access Point Management: Centrally Manage up to 20 DrayTek VigorAPs

- Switch Management: Centrally Manage up to 10 DrayTek VigorSwitches

VPN Facilities

- Up to 50 Concurrent VPN Tunnels (incoming or outgoing)

- Tunneling Protocols:-PPTP-IPSec-L2TP-L2TP over IPSec-DrayTek SSL-GRE

- IPSec Main and Aggressive modes

- IKE Phase 1 DiffieHelman Groups 1,2,5 & 14

- IKE Phase 2 DiffieHelman Groups 1,2,5 & 14 (will match phase 1 selection)

- IKEv2 & IKEv2

- Encryption : MPPE, DES / 3DES (168bits) and Hardware-Based AES (128/192/256bits)

- Authentication : Hardware-Based MD5, SHA-1 and SHA-256

- IKE Authentication : Pre-shared Key or X.509 Digital Signature

- SSL VPN for teleworkers - Up to 25 simultaneous users. Proxy or tunnel

- LAN-to-LAN & Teleworker-to-LAN connectivity

- DHCP over IPSec

- NAT-Traversal (NAT-T)

- Dead Peer Detection (DPD)

- VPN Pass-Through

- MOTP (Mobile One Time Password) for two factor authentication (2FA)

- Virtual IP Mapping, map a remote IP subnet/range to another range to resolve IP subnet/range conflicts

- Port forwarding (Port Redirection, Open Ports) to remote clients connected via an IPSec LAN to LAN VPN

Network Features

- Port-Based VLAN (Inclusive/Exclusive Groups)

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- 802.1q VLAN Tagging
- Port Mirroring
- 802.1X Port Authentication
- Multi Subnet DHCP Servers with DHCP Relay
- LAN Clients : Up to 1022 per subnet (for subnets 1-3)
- Custom DHCP Option support
- Dynamic DNS
- DNSSEC support
- DNS Transparent Proxy
- DNS Caching
- LAN DNS (supports CNAME)
- NTP Client (Synchronise Router Time)
- Call Scheduling (Enable/Trigger Internet Access by Time)
- RADIUS Client
- LDAP Client
- TACACS+ Client
- High Availability
- Internal RADIUS Server
- Microsoft® UPnP Support
- Maximum MTU 1534
- Routing Protocols: -Static Routing (30 routes)-RIP V2-RIPng for IPv6 -BGP

Operating Requirements

- Rack Mountable (Optional Vigor RM1 mounting bracket required)
- Wall Mountable
- Temperature Operating : 0°C ~ 45°C
- Storage : -25°C ~ 70°C
- Humidity 10% ~ 90% (non-condensing)
- Power Consumption: 18 Watt Max.
- Dimensions: L240.96 * W165.07 * H43.96 (mm)
- Operating Power: DC 12V (via external PSU, supplied)
- Power Requirements : 220-240VAC

Price: £179.50