

# Draytek Vigor 2960 Series Router Firewall



Product Name: Draytek Vigor 2960 Series Router Firewall

Manufacturer: Draytek

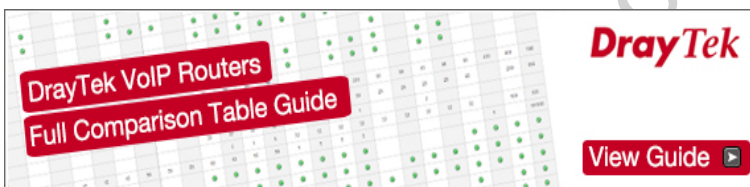
Model Number: V2960

## Draytek Vigor 2960 Series Router Firewall

The Draytek Vigor 2960 is a high-performance dual-Gigabit WAN firewall. The two dedicated Gigabit WAN ports can provide load balancing or WAN failover.

### Draytek Vigor 2960 Series Router Firewall Key Features

- High-Performance Router/Firewall
- Load Balancing & WAN Failover
- Native IPv4 & IPv6 dual-stack
- Two Gigabit WAN ports
- Four Gigabit LAN Ports



## Draytek Vigor 2960 Series Router Firewall - Technical Specifications

### Physical Interface

- LAN: 4-port Gigabit (10/100/1000 Base-T)
- WAN: 2-port Gigabit (10/100/1000 Base-T) Ethernet
- USB: 2 USB 2.0 Ports (for flash storage and 3G) Note : USB Function due in later firmware
- WAN Protocols : PPPoE, PPTP, DHCP Client, Static IP
- Load Balancing : Policy based or automatic
- WAN Failover : Switch to other connection when primary WAN lost

### VPN Support

- Protocols : PPTP, IPSec, L2P, L2TP over IPSec
- Up to 200 simultaneous tunnels (LAN-to-LAN or Teleworker-to-LAN)
- Dial-in and Dial-out supported
- VPN Trunking - allows alternative failover route or multiple tunnels to the same destination to increase capacity/throughput
- LDAP/Active Directory : Teleworker VPNs can be authenticated by a LDAP/AD server
- NAT-Traversal (NAT-T): VPN over routes without VPN Passthrough
- PKI Certificates: Use X.509 Digital Signatures
- IKE Authentication: Pre-shared key (PSK), Phase 1 aggressive/standard, Phase 2 selectable lifetimes
- Encryption:
  - Hardware-based AES (128, 192, 256 bits)
  - Hardware-based DES/3DES (56 & 168 bits)
  - Hardware-based MD5 & SHA-1
  - MPPE (40 or 128 bits)

# Draytek Vigor 2960 Series Router Firewall

- Radius Client: Authentication for PPTP remote dial-in teleworkers
- DHCP over IPSec
- GRE over IPSec
- Dead-Peer-Detection (DPD))
- Smart-VPN Software utility: For teleworkers
- No extra licencing or additional VPN client costs.
- Interoperability : Compatible with other 3rd party VPN devices

## Firewall

- Stateful Packet Inspection (SPI)
- Content Security Management (CSM)
- Multi-NAT: Set one-to-one mappings between your private and public IP addresses
- Port Redirection & Open Ports
- Policy-based IP Packet Filter. Fully configurable policies based on IP address, MAC address (source or destination), DiffServ attribute, direction, bandwidth, remote site
- DoS/DDoS Protection
- IP Address Anti-spoofing
- Object-Based Firewall
- Notification: Email alerts and logs to syslog
- Bind IP to MAC address
- User-Controlled Rules: Interrogates LDAP server to permit access or enforce policies

## System Management

- Web-Based User Interface: Integrated server for router management (via HTTP or HTTPS)
- Telnet/SSH : Command line control and configuration
- Configuration Backup/Restore
- Built-in diagnostics, dial-out trigger, routing table, ARP table, DHCP Table, NAT Sessions Table, data flow monitor, traffic graph, ping diagnostics, traceroute
- Firmware Upgrade by HTTP, TFTP & FTP
- Syslog Logging
- SNMP Management: v1/v2, MIB II
- Vigor ACS-SI Centralised Management: TR-069 compatible for ACS platform
- Compatible with Smart Monitor Traffic Analyser : Windows software for up to 100 users

## Bandwidth Management

- Traffic Shaping: Dynamic bandwidth management with IP traffic shaping
- Bandwidth Reservation: Connection or client based
- Packet Size Control
- DiffServ Codepoint Classifying
- 4 Priority Levels (Inbound/Outbound)
- Individual IP Bandwidth Session Limits per user/group
- Bandwidth Borrowing
- User-defined class-based rules

## Web Content Filtering & CSM

- URL Keyword Blocking: Blacklist or Whitelist
- Content Type Blocking: Java applet, cookies, Active-X
- Block P2P Applications (inc. Kazza, WinMX, Bittorrent)
- Block Instant messaging
- Block access of web sites by direct IP address (thus URLs only)
- Block HTTP download of compressed, executable or multimedia files

# Draytek Vigor 2960 Series Router Firewall

- Web Content Filter: GlobalView filtering of 64 web site categories (e.g. adult, gambling sites etc.). subscription required (free trial included)
- Time Scheduling: Blocking rules can be activated based on time schedules

## Routing Functions

- IPv4 & IPv6 Dual-Stack
- DNS Cache/Proxy
- DHCP Client, Server & Relay
- DHCP Options: 1,3,6,51,53,54,58,59,60,61,66,125
- IGMP v1/v2 & Proxy/Snooping
- uPnP: 500 Sessions
- NAT: 80,000 Sessions
- NTP Client with DST Adjustments
- Static routing
- Policy-based routing
- Dynamic DNS : Updates DDNS servers with public IP address
- Port-Based VLAN
- Tag-Based VLAN: 802.1q
- Client/Call Scheduling : Real-time clock, with NTP updating schedules access or connectivity
- Wake-on-LAN : Passed from WAN to preset LAN device

## Operating Requirements

- Rack Mountable (Mount brackets included)
- Temperature Operating : 0°C ~ 45°C
- Storage : -10°C ~ 70°C
- Humidity 10% ~ 90% (non-condensing)
- Power Consumption: 19W Max
- Dimensions: L273 \* W166 \* H44 (mm) (1U Height)
- Operating Power: 220-240VAC (internal PSU)
- Warranty : 2 Years Manufacturer's RTB included

**Price: £386.00**

---