

DrayTek Vigor 2952 Dual WAN Security Firewall



Product Name: DrayTek Vigor 2952 Dual WAN Security Firewall

Manufacturer: -

Model Number: V2952-K

Please Note: This product has been discontinued. Please see the Draytek Vigor 2962 as an alternative.

Draytek Vigor 2952 Dual WAN High Performance Router Firewall

The Draytek Vigor 2952 is a router/firewall with two Gigabit Ethernet WAN ports, providing load balancing or failover for up to two WAN connections. WAN1 can be selected as either RJ-45 or SFP format (SFP is for fibre modules). There are four LAN RJ-45 ports (Gigabit). The Vigor 2952 runs DrayTek's own DrayOS operating system, providing familiarity for users of other existing DrayTek products.

Draytek Vigor 2952 Key Features

- Supports two Gigabit Ethernet WAN Ports with selectable SFP Socket for WAN1
- USB 3G/4G/LTE USB modem can also be added
- Wireless Management of up to 30 DrayTek APs
- IPv6/IPv4 Dual-Stack
- DrayOS Operating System
- High performance - up to 500Mb/s firewall throughput
- DrayTek Firewall with huge flexibility
- High Availability (Hardware failover)

Draytek Vigor 2952 - Technical Specifications

LAN Ports:

- 4 X RJ-45 Gigabit Ethernet (1000Mb/s) - LAN

WAN Ports:

• WAN1 Selectable:

- RJ-45 Gigabit Ethernet (1000Mb/s) or

- SFP Gigabit Slot for Fibre or other module

- WAN2 : RJ-45 Gigabit Ethernet (1000Mb/s)

- WAN3 : USB3.0 Port for 3G/4G Cellular Modem or NAS feature

Performance:

- Firewall: Up to 500Mb/s
- IPSec VPN: Up to 200Mb/s
- NAT Sessions : 100,000

Load Balance/Failover Features:

- Outbound Policy-Based Load-Balance
- WAN Connection Fail-over
- BoD (Bandwidth on Demand)

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WAN Protocols (Ethernet):

- DHCP Client
- Static IP
- IPv4 / IPv6
- PPPoE
- PPTP
- L2TP

IPv6 Features:

- Operation on all of the WAN ports
- Default-Deny Firewalling
- Static IP, DHCPv6 or PPP
- Connectivity to ISPs provided direct/native IPv6
- Built-in tunnelling to IPv6 brokers:

- TSPC
- AICCU
- 6in4
- 6rd

- Default stateful firewall for all IPv6 LAN Clients/Devices
- DHCPv6 & RADVD for client configuration
- IP Filtering Rules
- QoS for IPv6 with DiffServ
- Router Management over IPv6 (Telnet/HTTP) with IPv6 Access List
- Dual-Stack (Concurrent) operation with IPv4

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 P2P (Peer-to-Peer) popular file sharing programs
- Block Instant Messaging programs (e.g. IRC, MSN/Yahoo Messenger etc.)

- Multi-NAT, DMZ Host
- Port Redirection and Open Port Configuration
- Policy-Based Firewall
- MAC Address Filter

DrayTek Vigor 2952 Dual WAN Security Firewall

- 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

Bandwidth Management:

- QoS
- 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
- Temporary (5 minute) Quick Blocking of any LAN Client
- Bandwidth / Session Limitation

Network/Router Management:

- Web-Based User Interface (HTTP / HTTPS)
- CLI (Command Line Interface) / Telnet / SSH
- Administration Access Control
- Configuration Backup / Restore
- Built-in Diagnostic Function
- Firmware Upgrade via TFTP / FTP
- Logging via Syslog
- SNMP v3 Management with MIB-II
- TR-069
- TR-104

VPN Facilities

- Up to 100 Concurrent VPN Tunnels (incoming or outgoing)
- Tunneling Protocols: PPTP, IPSec, L2TP, L2TP over IPSec
- 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)
- Encryption : MPPE, DES and Hardware-Based AES (128/192/256bits) / DES / 3DES (168bits)
- 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 50 user. Proxy or tunnel.
- LAN-to-LAN & Teleworker-to-LAN connectivity
- DHCP over IPSec
- NAT-Traversal (NAT-T)
- Dead Peer Detection (DPD)
- VPN Pass-Through (PPTP, L2TP, IPSec)
- MOTP (Mobile One Time Password)

SSL VPN:

- SSL Application support for RDP, VNC & Samba
- Encryption/Authentication : RC4 (128bits), AES (128bits), DES/3DES
- X.509 Digital Signature

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Network Features:

- ✓ DHCP Client / Relay / Server
- ✓ DHCP Option 66 support
- ✓ Dynamic DNS
- ✓ NTP Client (Synchronise Router Time)
- ✓ Call Scheduling (Enable/Trigger Internet Access by Time)
- ✓ RADIUS Client
- ✓ UPnP Support

Routing Protocols:

- ✓ Static Routing
- ✓ RIP V2

Certificate Management

- ✓ Trusted CA
- ✓ Local Certificate
- ✓ CA Server

Operating Requirements:

- ✓ Rack Mountable (brackets included)
- ✓ Temperature Operating : 0°C ~ 45°C
- ✓ Storage : -25°C ~ 70°C
- ✓ Humidity 10% ~ 90% (non-condensing)
- ✓ Power Consumption: Watt Max.
- ✓ Dimensions: (mm)
- ✓ Operating Power: 220-240VAC directly to unit
- ✓ Warranty : Two (2) Years RTB

Please see product User Guide [here](#).

Price: £337.50