Draytek Vigor 3900 High-Performance Router/Firewall Router



Product Name: Draytek Vigor 3900 High-Performance Router/Firewall Router
Manufacturer: -
Model Number: V3900-K

Please Note: This product has been discontinued. Please see the Draytek Vigor 3910 as an alternative.

Draytek Vigor 3900 High-Performance Router/Firewall Router with high capacity VPN
The Draytek Vigor 3900 is a high-performance quad-Gigabit WAN router for high-performance applications including remote access, firewalling, load-balancing and failover. Its WAN throughput runs at up to 1Gb/s, adequate for the most demanding SME applications.
Draytek Vigor 3900 Key Features

ï¿½ Professional Router/Firewall
ï¿½ High-Availability (with CARP)
ï¿½ Five Gigabit WAN ports (4 x Ethernet & 1 SFP)
ï¿½ 3 Gigabit LAN ports (2 x Ethernet & 1 x SFP)
ï¿½ Up to 50 WAN ports with optional Switch
ï¿½ WAN Load Balancing & WAN Failover
ï¿½ Up to 500 simultaneous IPSec/PPTP/L2TP Tunnels
ï¿½ Up to 200 SSL VPN Tunnels (Web-Proxy)

The WAN ports on the Vigor 3900 can provide load balancing or WAN failover. Based on a new DrayTek OS platform, the Vigor 3900 combines high performance and capacity with DrayTek's traditional ease of use and comprehensive features set. For multi-tenant or departmental flexibility, the Vigor3900 will support multiple LAN IP subnets, together with VLAN capabilities and user management, providing access to WAN resources only to the appropriate users or departments, as well as maintaining infrastructure effciency.
Vigor 3900 Specification - Technical Specifications
LAN Interfaces:

ï¿½ 2 x Gigabit (10/100/1000 Base-T)
ï¿½ 1 x Active SFP Slot

WAN Interfaces:

ï¿½ x Gigabit (10/100/1000 Base-T)
ï¿½ 1 x Active SFP Slot
ï¿½ 5G (Cellular) Access via compatible USB Adaptor ('dongle') - Later firmware upgrade (Schedule TBA)
ï¿½ 2 x USB 2.0 Host Ports
ï¿½ Console (RJ45)
ï¿½ 802.1q Tagged and port-based VLANs
ï¿½ VPN Trunking (aggregated/failover links)

Performance:

ï¿½ Firewall: Up to 400Mb/s
ï¿½ WAN Protocols : PPPoE, PPTP, DHCP Client, Static IP
ï¿½ Load Balancing : Policy based or automatic
ï¿½ WAN Failover : Switch to other connection when primary WAN lost

WAN Connectivity/Protocols:

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ï¿½ DHCP Client
ï¿½ Static IP
ï¿½ IPv4
ï¿½ IPv6 (available on a single WAN port only)
ï¿½ PPPoE
ï¿½ L2TP (Later firmware upgrade)
ï¿½ 3G / 3.5G (later firmware upgrade)
ï¿½ Port Load-Balancing
ï¿½ Port Failover
ï¿½ QoS
ï¿½ 802.1q Tag-Based VLAN

Network Protocols:

ï¿½ DHCP Client/Server
ï¿½ DHCP Options
ï¿½ Dynamic DNS Service Updating
ï¿½ NTP Client
ï¿½ DNS Cache/Proxy
ï¿½ Static Routing

NAT (IPv4):

ï¿½ 100,000 Sessions
ï¿½ Port Redirection
ï¿½ One-to-One Public-to-Private Mappping
ï¿½ MultiNAT

VPN:

ï¿½ Dial-in and Dial-out LAN-to-LAN
ï¿½ Dial-in Teleworker

Protocols

ï¿½ PPTP
ï¿½ L2TP
ï¿½ IPSec
ï¿½ L2TP over IPSec

Encryption/authentication::

ï¿½ Hardware-based AES (128, 192, 256 bits)
ï¿½ Hardware-based DES/3DES (56 & 168 bits)
ï¿½ MPPE (40 or 128 bits)
ï¿½ Hardware-based MD5 & SHA-1
ï¿½ IKE authentication : Pre-shared Key (PSK)
ï¿½ PKI : X.509 Digital Signature (certificate)
ï¿½ Certificate Server (CA) / Trusted CA / Local Certificate
ï¿½ MOTP for Teleworkers
ï¿½ Dead Peer Detection (DPD)
ï¿½ VPN Passthrough : PPTP, L2TP, IPSec, SSL
ï¿½ NAT Traversal (NAT-T)
ï¿½ DHCP over IPSec

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ï¿½ GRE over IPSec

Routing Functions:

ï¿½ IPv4 & IPv6 Dual-Stack
ï¿½ Note : IPv6 is available on only a single WAN port
ï¿½ DNS Cache/Proxy
ï¿½ DHCP Client, Server & Relay
ï¿½ DHCP Options: 1,3,6,51,53,54,58,59,60,61,66,125
ï¿½ IGMP v1/v2 & Proxy/Snooping
ï¿½ uPnP: 500 Sessions
ï¿½ NAT: 80,000 Sessions
ï¿½ NTP Client with DST Adjustments
ï¿½ Static routing
ï¿½ Policy-based routing
ï¿½ Dynamic DNS : Updates DDNS servers with public IP address
ï¿½ Port-Based VLAN
ï¿½ Tag-Based VLAN: 802.1q
ï¿½ Client/Call Scheduling : Real-time clock, with NTP updating schedules access or connectivity
ï¿½ Wake-on-LAN : Passed from WAN to preset LAN device

Traffic / Content Management:

ï¿½ QoS (7/2 levels egress/ingress)
ï¿½ DiffServ Codepoint Classifying
ï¿½ Session & Bandwidth Limitation (IP-based)
ï¿½ Globalview Categoric Web Content Filtering
ï¿½ Web URL Keyword Blocking

SSL VPN:

ï¿½ Tunnel Mode : up to 200 Web Proxy Tunnels
ï¿½ SSL Full tunnelling (firmare upgrade - schedule TBA)
ï¿½ SSL Applications : HTTP (web), VNC, RDP
ï¿½ Encryption : RC4 (128 bits), AES (128 bits), DES/3DES
ï¿½ Digital Signature (X.509)
ï¿½ Pre-shared key
ï¿½ MOTP

Management Facilities:

ï¿½ Web Interface (HTTP & HTTPS)
ï¿½ CLI : Telnet and SSH
ï¿½ Firmware Upgrade : TFTP and HTTP
ï¿½ Configuration Backup/Restore (Binary)
ï¿½ Admin Access Control
ï¿½ SNMP Management (MIB-II))
ï¿½ Syslog
ï¿½ TR-069
ï¿½ Supported by Vigor-ACS Platform

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Operating Requirements:

ï¿½ Rack Mountable. 1U. (Mount brackets included)
ï¿½ Temperature Operating : 0°C ~ 45°C
ï¿½ Storage : -10°C ~ 70°C
ï¿½ Humidity 10% ~ 90% (non-condensing)
ï¿½ Power Consumption: 20W max (typically 10-15W)
ï¿½ Dimensions: 443 x 280 x 44 mm (LxWxH) - 1U
ï¿½ Operating Power: 220-240VAC
ï¿½ Warranty : 2 Years Manufacturer's RTB included

Price: £536.00