Draytek Vigor 300B High-Performance 4-Port Load Balancer

Product Name: Draytek Vigor 300B High-Performance 4-Port Load Balancer
Manufacturer: -
Model Number: V300B

Please note: The V300B has been discontinued. We recommend the Draytek Vigor 3900 or Draytek Vigor 2960 as a good alternative.

Draytek Vigor 300B High-Performance 4-Port Load Balancer
The Draytek Vigor 300B is a four Gigabit WAN port Load Balancer and can provide load balancing or WAN failover. In failover mode, additional WAN connections are activated only when your primary or additional normal connectivity if interrupted. The failover/backup connections kick in automatically, keeping you online. In load balanced mode, the 300B can use up to four of the WAN fees are used all of the time, but your load (connections) is spread across all of the active connections, making the best use of your connectivity. Alternatively, the Vigor 300B can be set with load balance policies so that different traffic types use specific connections, for example reserving one connection for latency-sensitve or high prority data, or forcing low-priority data down your slowest connection.
Draytek Vigor 300B Key Features

ï¿½ High-Performance Load-Balancer/Firewall
ï¿½ Firewall throughput up to 400Mb/s
ï¿½ Native IPv4 & IPv6 dual-stack
ï¿½ Four Gigabit WAN ports
ï¿½ Two Gigabit LAN Ports
ï¿½ Physical DMZ Port (switchable as WAN4)
ï¿½ Load Balancing & WAN Failover
ï¿½ 802.1q Tagged and port-based VLANs
ï¿½ QoS Assurance on different traffic types
ï¿½ Multiple LAN-side private IP subnets
ï¿½ Internet Content Filtering
ï¿½ Optional VigorCare Available

Draytek Vigor 300B Specification - Technical Specifications
Ethernet WAN (Internet/modem) Interface

ï¿½ LAN: 2-port Gigabit (10/100/1000 Base-T)
ï¿½ WAN: 4-port Gigabit (10/100/1000 Base-T) Ethernet
ï¿½ WAN Port 4 is switable to physical DMZ port

Performance:

ï¿½ 4 Gigabit Ethernet Ports
ï¿½ USB Port for 3G Cellular Modem, NAS or Printer

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

Firewall:

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ï¿½ Stateful Packet Inspection (SPI)
ï¿½ Content Security Management (CSM)
ï¿½ Multi-NAT: Set one-to-one mappings between your private and public IP addresses
ï¿½ Port Redirection & Open Ports
ï¿½ Policy-based IP Packet Filter. Fully configurable policies based on IP address, MAC address (source or destination), DiffServ attribute, direction, bandwidth, remote site
ï¿½ DoS/DDoS Protection
ï¿½ IP Address Anti-spoofing
ï¿½ Object-Based Firewall
ï¿½ Notification: Email alerts and logs to syslog
ï¿½ Bind IP to MAC address
ï¿½ User-Controlled Rules: Interrogates LDAP server to permit access or enforce policies

System Management:

ï¿½ Web-Based User Interface: Integrated server for router management (via HTTP or HTTPS)
ï¿½ Telnet/SSH : Command line control and configuration
ï¿½ Configuration Backup/Restore
ï¿½ Built-in diagnostics, dial-out triger, routing table, ARP table, DHCP Table, NAT Sessions Table, data flow monitor, traffic graph, ping diagnostics, traceroute
ï¿½ Firmware Upgrade by HTTP, TFTP & FTP
ï¿½ Syslog Logging
ï¿½ SNMP Management: v1/v2, MIB II
ï¿½ Vigor ACS-SI Centralised Management: TR-069 compatible for ACS platform
ï¿½ Compatible with Smart Monitor Traffic Analyser : Windows software for up to 100 users

Bandwidth Management:

ï¿½ URL Keyword Filtering - Whitelist or Blacklist specific sites or keywords in URLs
ï¿½ Block Web sites by category (e.g. Adult, Gambling etc. Subject to Globalview subscription)
ï¿½ Prevent accessing of web sites by using their direct IP address (thus URLs only)
ï¿½ Blocking automatic download of Java applets and ActiveX controls
ï¿½ Blocking of web site cookies

Block http downloads of file types:

ï¿½ Traffic Shaping: Dynamic bandwidth management with IP traffic shaping
ï¿½ Bandwidth Reservation: Connection or client based
ï¿½ Packet Size Control
ï¿½ DiffServ Codepoint Classifying
ï¿½ 4 Priority Levels (Inbound/Outbound)
ï¿½ Individual IP Bandwidth Session Limits per user/group
ï¿½ Bandwidth Borrowing
ï¿½ User-defined class-based rules

Bandwidth Management:

ï¿½ QoS
ï¿½ Guaranteed Bandwidth for VoIP
ï¿½ Class-based Bandwidth Guarantee by User-Defined Traffic Categories
ï¿½ Layer 2&3 (802.1p & TOS/DCSP)
ï¿½ DiffServ Code Point Classifying
ï¿½ 4-level Priority for each Direction (Inbound / Outbound)
ï¿½ Bandwidth Borrowed

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ï¿½ Temporary (5 minute) Quick Blocking of any LAN Client
ï¿½ Bandwidth / Session Limitation

Web Content Filtering & CSM:

ï¿½ URL Keyword Blocking: Blacklist or Whitelist
ï¿½ Content Type Blocking: Java applet, cookies, Active-X
ï¿½ Block P2P Applications (inc. Kazza, WinMX, Bittorrent)
ï¿½ Block Instant messaging
ï¿½ Block access of web sites by direct IP address (thus URLs only)
ï¿½ Block HTTP download of compressed, executable or multimedia files
ï¿½ Web Content Filter: GlobalView filtering of 64 web site categories (e.g. adult, gambling sites etc.). subscription required (free trial included)
ï¿½ Time Scheduling: Blocking rules can be activated based on time schedules

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

Network Features:

ï¿½ DHCP Client / Relay / Server
ï¿½ Dynamic DNS
ï¿½ NTP Client (Syncrhonise Router Time)
ï¿½ Call Scheduling (Enable/Trigger Internet Access by Time)
ï¿½ RADIUS Client
ï¿½ Microsoft™ UPnP Support

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Operating Requirements:

ï¿½ Up to 32 Concurrent VPN Tunnels (incoming or outgoing)
ï¿½ Rack Mountable (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: 19W Max
ï¿½ Dimensions: L273 * W166 * H44 (mm) (1U Height))
ï¿½ Operating Power: 220-240VAC (internal PSU)
ï¿½ Warranty : 2 Years Manufacturer's RTB included

Please Enquire