DrayTek

10G High-Performance Mid-Business Gateway

Vigor1000B is a high-speed broadband router, features with a powerful quad-core processor, six WAN interfaces, including 2x 10G SFP+ ports for fiber connectivity, and 4x Gigabit Ethernet, RJ-45, provides you with WAN load balancing and NAT throughput up to 9.4 Gbps. All of WAN ports are switchable between WAN and LAN, providing nework Admin with the flexibility to make the most out of the router. In addition, the router has 4x Gigabit Ethernet, RJ-45, as fixed LAN interfaces. Featuring QoS, Hotspot, High Availability, and other enterprise-level functions to make the most out of the router. Vigor1000B can also be a centralized controller for VigorAPs and VigorSwitches to make management easier.

10G Fiber	Up to 6 WANs	1000k Sessions	9.4 Gbps
2 x 10G SFP+	6 x WAN/LAN Switchable	Recommended for a network of 500+ hosts	Max. NAT Throughput

Switchable WAN/LAN Port
1 2 x 10 Gigabit SFP+
2 4 x GbE RJ-45

Fixed LAN Port
3 4 x GbE RJ-45

Console Port
4 1 x RJ-45

USB Port
5 2 x USB3.0

Specification

Interface

LAN/WAN Switchable Port	2 x 10G/2.5G/1G SFP+ Fiber Slot 4 x 1G/100M/10M Ethernet, RJ-45
Fixed LAN Port	4 x 1G/100M/10M Ethernet, RJ-45
USB Port	2 x USB 3.0
Console Port	1 x RJ-45
Button	1 x Factory Reset

Performance

NAT Throughput	9.4 Gbps
NAT Sessions	1,000,000
Max. Concurrent VPN Tunnels	2
Max. Concurrent OpenVPN + SSL VPN	2

Note:
The throughput figures are maximum, based on DrayTek internal testing with optimal conditions. The actual performance may vary depending on the different network conditions and applications activated.

Internet Connection

Ipv4	PPPoE, DHCP, Static IP
IPv6	PPP, DHCPv6, Static IPv6, TSPC, AICCU, 6rd, 6in4 Static Tunnel
802.1p/q Multi-VLAN Tagging	●
Multi-VLAN/PVC	●
Load Balancing	IP-based, Session-based
WAN Active on Demand	Link Failure, Traffic Threshold
Connection Detection	PPP, Ping, ARP
WAN Data Budget	●
Dynamic DNS	●
DrayDDNS	●

Bandwidth Management

IP-based Bandwidth Limit	●
IP-based Session Limit	●
QoS (Quality of Service)	TOS, DSCP, 802.1p, IP Address, Service Type
VoIP Prioritization	●

Networking

Routing	IPv4 Static Routing, IPv6 Static Routing, Inter-VLAN Routing, RIP v1/v2
Policy-based Routing	Protocol, IP Address, Port, Domain, Country
High Availability	Active-Standby, Hot-Standby
DNS Security (DNSSEC)	●
IGMP	IGMP v2/v3, IGMP Proxy, IGMP Snooping & Fast Leave
Local RADIUS server	●
SMB File Sharing	● (Requires external storage)

LAN Management

VLAN	802.1q Tag-based, Port-based
Max. Number of VLAN	100
Number of LAN Subnet	100
DHCP Server	Multiple IP Subnet, Custom DHCP Options, Bind-IP-to-MAC
LAN IP Alias	●
IP Pool Count	Up to 4K per LAN Subnet
PPPoE Server	●
Local DNS Server	●
Conditional DNS Forwarding	●
Hotspot Web Portal	●
Hotspot Authentication	Click-Through, Social Login, SMS PIN, RADIUS, External Portal Server

VPN

LAN-to-LAN	●
Teleworker-to-LAN	●
Protocols	PPTP, L2TP, IPsec, L2TP over IPsec, SSL, GRE, IKEv2, IPsec-XAuth, OpenVPN
User Authentication	Local, RADIUS, LDAP, TACACS+, mOTP
IKE Authentication	Pre-Shared Key, X.509, XAuth, EAP
IPsec Authentication	SHA-1, SHA-256, MD5
Encryption	MPPE, DES, 3DES, AES
Single-Armed VPN	●
NAT-Traversal (NAT-T)	●
DrayTek VPN Matcher	●

Firewall & Content Filtering

NAT	Port Redirection, Open Ports, Port Triggering, DMZ Host
ALG	SIP, RTSP, FTP, H.323
VPN Pass-Through	PPTP, L2TP, IPsec
IP-based Firewall Policy	●
Content Filtering	Application, URL, DNS Keyword, Web Features, Web Category* (*: subscription required)
DoS Attack Defense	●
Spoofing Defense	●

Management

Local Service	HTTP, HTTPS, Telnet, SSH, FTP, TR-069
Config File Export & Import	●
Firmware Upgrade	TFTP, HTTP, TR-069
2-Level Administration Privilege	●
Access Control	Access List, Brute Force Protection
Syslog	●
Notification Alert	SMS, E-mail
SNMP	v1, v2c, v3
Central AP Management	50 VigorAPs
Central Switch Management	30 VigorSwitches