

# DrayTek

## Vigor2952 Series Dual-WAN Security Firewall



- Dual Gigabit Ethernet WAN
- 2 USB ports for 3G/4G cellular modem, network storage, or USB temperature sensor
- Up to 4 WAN for load-balancing and failover
- High-Performance VPN allowing 100 concurrent tunnels
- IPv6 support on WAN & LAN
- Up to 8 IP subnet on LAN, PPPoE Server support
- High Availability (Hardware Redundancy) support
- Integrated controller for up to 30 VigorAP and up to 10 VigorSwitch
- PoE+(802.3at)-capable ports available (P model)

DrayTek Vigor2952 Series serves as a VPN gateway and a central firewall for multi-site offices and teleworkers. With its high data throughput of two-Gigabit Ethernet, Dual WAN, VPN trunking and 4 Gigabit Ethernet LAN ports, the device facilitates productivity of versatile business operations. The establishment of VPN tunnels up to 100 simultaneous tunnels (including 50 SSL VPN tunnels) can provide secure communications between sites.

### WAN Load Balancing & Failover

Vigor2952 Serie has two Gigabit Ethernet WAN ports that can be used for any types of connection, 3G/4G/LTE USB cellular modem can also be attached to the two USB ports on the router to add wireless connectivity. Up to 4 WAN can active simultaneously to share the traffic load, or some of them can be configured to Failover mode, which will be automatically activated when detecting connection loss or heavy load on the primary connection.

For Load Balancing, Vigor2952 Series can either do the standard IP-based traffic balancing, or the session-based traffic balancing, which allows sessions in the same connection to take different routes, thus the maximum throughput of a single connection can be the combination of all the WAN's bandwidth.

### Secure Business Network

Vigor2952 Series has implemented Stateful Packet Inspection (SPI) Firewall, flexible filtering rules can be set up to accept or deny packets based on source IP, destination IP, protocol, port number, or even the packet's contents. Content Filtering by URL keyword or application can help you to prevent time and network resource wasting on inappropriate network activities.

Vigor2952 Series is also a robust VPN server which is perfect for a company having multiple branches or teleworkers. Vigor2952 Series supports all common industry standard protocols, and also DrayTek SSL VPN with official VPN client App provided.

To ensure the reliability of VPN connections, VPN Trunking is also supported by Vigor2952 Series, this allows you to set up a pair of VPN tunnels to the same remote network but through different WAN interfaces. The two trunking tunnels can be set up in load balancing or failover mode.

### High Availability

To ensure the network reliability, Vigor2952 Series provides high-availability feature and allows another (or more) redundant Vigor2952 to be added to the network. A pair (or more) Vigor2952 can be set up in master/slave configuration. Normally, only the Master Vigor2952 will be active and provide internet connectivity to the LAN network. In the event of a hardware failure on the primary Vigor2952 or its WAN connection, the Standby Vigor2952 will automatically take over the traffic without any re-configuration required.

### Power-over-Ethernet

The Vigor2952 Series comes in two models that equipped with PoE+ LAN switch - Vigor2952P and Vigor2952Pn (with 802.11n WLAN built-in). The 4 PoE ports of Vigor2952P/Pn allow direct connectivity and offer power for wireless access point, IP phones, and IP surveillance, this function makes installation of network devices easier.

### Connectivity

#### Ethernet WAN

- IPv4 - DHCP Client, Static IP, PPPoE, PPTP, L2TP, 802.1q Multi-VLAN Tagging
- IPv6 - Tunnel Mode: TSPC, AICCU, 6rd, Static 6in4  
Dual Stack: PPP, DHCPv6 Client, Static IPv6
- WAN Connection Fail-over
- WAN Budgets
- Load Balance/Route Policy

#### Ethernet LAN

- IPv4/IPv6 DHCP Server
- Static Routing/RIP/BGP
- Multiple Subnet
- Port/Tag-based VLAN

#### USB

- 3G/4G LTE(PPP, DHCP) as WAN3/WAN4
- Printer Server/File Sharing

### Management

#### System Maintenance

- HTTP/HTTPS with 2-level Management (Admin/User)
- Logging via Syslog
- SNMP Management MIB-II (v2/v3)
- CLI (Command Line Interface, Telnet/SSH)
- Administration Access Control
- Web-based Diagnostic Functionality
- Firmware Upgrade via TFTP/FTP/HTTP/TR-069
- CWMP Support (TR-069/TR-104)
- LAN Port Monitoring

#### Network Management

- Bandwidth Management by session/bandwidth
- User Management by Time/Data Quota
- LAND DNS and DNS Proxy/Cache
- Dynamic DNS
- IGMP Snooping/Proxy v2 and v3
- QoS (DSCP/Class-based/4-level priority)
- Guarantee Bandwidth for VoIP
- Support Smart Monitor (Up to 100 nodes)
- Central AP Management
- Central VPN Management
- Switch Management

### PoE (P model)

- Mode: Auto or Manual (Power Budget = 60Watt)
- Schedule
- Status
- PD Device Check
- Notification
- PoE information on Dashboard

### VPN

- Up to 100 VPN Tunnels
- Protocol : PPTP, IPsec, L2TP, L2TP over IPsec, IKEv2
- Encryption : MPPE and Hardware-based AES/DES/3DES
- Authentication : MD5, SHA-1
- IKE Authentication : Pre-shared Key and Digital Signature (X.509)
- LAN-to-LAN, Teleworker-to-LAN
- DHCP over IPsec
- IPsec NAT-traversal (NAT-T)
- Dead Peer Detection (DPD)
- VPN Pass-through
- VPN Wizard
- mOTP
- Support 50 SSL VPN Tunnels
- VPN Trunk: VPN Backup and Load Balance

### WLAN (n model)

- 802.11n with 2.4GHz
- Multiple SSID
- Encryption (64/128-bit WEP,WPA/WPA2,802.1x)
- Hidden SSID
- Wireless Rate Control by SSID
- Wireless VLAN
- Wireless LAN Isolation
- MAC Address Access Control
- Access Point Discovery
- Wireless Client List
- WDS (Wireless Distribution System)
- WMM (Wi-Fi Multimedia)

### Security

- Multi-NAT, DMZ Host, Port-redirection and Open Port
- Object-based Firewall, Object IPv6, Group IPv6
- MAC Address Filter
- SPI (Stateful Packet Inspection) (Flow Track)
- DoS Prevention
- IP Address Anti-spoofing
- E-mail Alert and Logging via Syslog
- Bind IP to MAC Address
- Time Schedule Control
- Content Security (IM/P2P, URL, Keywords, Cookies,...)

### Hardware Interface

- 1 x Combo WAN, 10/100/1000Base-Tx, RJ-45 or SFP (WAN1)(Fiber Port is High Priority)
- 1 x 10/100/1000Base-Tx, RJ-45 (WAN2)
- 4 x 10/100/1000Base-Tx LAN, RJ-45 (P1 is Configurable as DMZ Port), [(4 x PoE PSE)(P model)]
- 2 x USB Host (USB1 is 2.0 and USB2 is 3.0)
- 2 x Detachable Antennas (n Model)
- 1 x Wireless On/ Off/ WPS Button (n Model)
- 1 x Factory Reset Button

	PoE	WLAN
Vigor2952Pn	●	●
Vigor2952P	●	
Vigor2952n		●
Vigor2952		