DrayTek
Aust & NZ

Product Catalogue 2015-2016
Your partner for reliable networking solutions

About DrayTek

Founded in 1997 by a group of talented and hardworking engineers, DrayTek established its position in the market by becoming the first brand to incorporate complete VPN functionality into its products. In 2004, DrayTek was listed in Taiwan Stock Exchange. Todate, DrayTek continues to provide products and solutions that meet and exceed the expectation of the customers, and is recognized as a leading provider of data communication products for the home, SOHO, SMB and enterprise markets.

Innovative Solutions

DrayTek strives to anticipate developments in the IT market, and to develop innovative products and solutions to meet market expectations. Over the years, DrayTek has provided products and solutions with features that the global SMB (Small to Medium Businesses) and enterprises ask for: full set of VPN protocols, VoIP, IP/data Firewall with Web Content Filtering and URL Filtering, Wi-Fi, IPPBX, etc.

DrayTek's Vigor products have been regular winners in the prestigious Taiwan Excellence Awards and many international magazine and on-line reviews. With these, DrayTek has established its reputation as a global market leader in networking and communication solutions.

Business Market

The rapid development of ICT technology prompts businesses to expect more from networking products. As the Internet bandwidth increases, businesses start to explore the options of remote working through VPN. DrayTek is the first company that provides a full set of VPN protocols, complete with PPTP/IPSec/L2TP/L2TP-over-IPSec/SSL-VPN protocols and comprehensive security features.

To support businesses with security requirements, DrayTek provides SPI object-based firewall with DoS/DDoS prevention, Bind IP to MAC, Time Schedule and Content Security Management.

Other features that distinguish DrayTek from their competitors include: multiple-WAN with load balancing and failover functions, 3G/4G connectivity, virtual LAN, network security, concurrent dual band and 802.11ac Wi-Fi, Gigabit LAN ports, network management options, IPv6, TR-069 remote access, etc.

Private Market

The home and SOHO market require reliable and flexible products to suit the evolving networking technology. They need Wi-Fi connectivity, VoIP for personal communications, and robust firewall capability so their network is secure and safe from undesirable Internet content. DrayTek has incorporated these features into their products since early days, often well before other competitors. Furthermore, they regularly provide firmware upgrades for their products and offer these for free download. As a result, users gain benefits from the latest technology developments even if they have owned the DrayTek products for some time.

Keeping up with Technology

With feedback from global markets including Europe, USA, Asia and Oceania, DrayTek continues to improve the technology and features of their products. Recent advancement in DrayTek's products include TR-069 ACS remote management system, AP Management, dual band and 802.11ac Wi-Fi, IPv6 capability, Smart Monitor traffic analyser, multi-WAN load balance and failover, High Availability, etc.

Contents

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Vigor2860 series
Dual-WAN VDSL2/ADSL2+ routers with security firewall and 32 VPN tunnels

NBN — NBN Ready

UFB — UFB Ready

VDSL2/ADSL2+

The Vigor2860 series of ADSL/VDSL/Ethernet multi-WAN routers support xDSL and Ethernet-WAN Internet accesses with features designed for SMBs. The dual-WAN feature and 3G/4G connectivity with load balancing and failover allows for flexible and secure Internet access options. The xDSL connectivity complements situations where NBN is not yet available, or where DSL is required for the last mile such as in basements of multi-dwelling buildings. The Ethernet-WAN port can be connected to an Ethernet based Internet interface, such as NBN's Connection Box.

Equipped with object-oriented firewall, IPv6, 32 simultaneous VPN tunnels, tag-based VLAN, multiple subnets and a set of traffic management features, this router is suitable for SOHO to business markets. The n model supports single band 2.4 GHz 802.11n Wi-Fi, whereas the n-plus model supports dual band Wi-Fi with 2.4 GHz and 5 GHz. The Vigor2860ac has 802.11ac Wi-Fi with speeds up to 1300 Mbps.

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EXCELLENCE
2013

Specification

- 1 x VDSL2/ADSL2+ WAN port
- 1 x Gigabit Ethernet WAN port
- 6 x Gigabit Ethernet LAN ports
- VDSL2 vectoring
- 32 x VPN tunnels
- 16 x SSL VPN tunnels
- Built-in object-oriented firewall
- IPv6 & IPv4

- 802.11n Wi-Fi (n model)
- Concurrent dual-band Wi-Fi (n-plus model)
- 802.11ac (ac model)
- VoIP (V model)
- Rack mountable
- 2 x USB ports for 3G/4G LTE mobile broadband access, USB printer and storage
- Works with VigorACS SI management system

VDSL2 Vectoring

VDSL Vectoring improves VDSL2 performance by cancelling interference and crosstalk between copper lines. It will provide download speeds close to 100Mbps in Fibre to the Node (FTTN) installations.

Rack Mount Bracket

The Vigor2860 series router can be mounted into a standard 19" rack or cabinet by using the 1RU rack mount bracket (DR101).

Models

Vigor2860
Vigor2860n
Vigor2860n-plus
Vigor2860Vn-plus
Vigor2860ac

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NBN
NBN Ready

UFB
UFB Ready

Vigor2760 Delight series

VDSL2/ADSL2+ routers with security firewall and 2 VPN tunnels

The xDSL port can be used where NBN is not yet available. The Gigabit Ethernet port doubles up as a LAN or WAN port and can be connected to any Ethernet-based WAN interface such as NBN's Connection Box. With features including four Gigabit Ethernet LAN ports, firewall, VPN and two USB ports for 3G /4G LTE mobile broadband access and storage. This router is suitable for home to SMB markets.

The n-models support 802.11n Wi-Fi. The VoIP model is equipped with one FXO port and two FXS ports.

DrayTek
Vigor2760Vn

TAIWAN
EXCELLENCE
2012

Specification

- 1 x VDSL2/ADSL2+ WAN port
- 1 x Selectable Gigabit WAN/LAN port
- 3 x Gigabit Ethernet LAN ports
- VDSL2 vectoring
- 2 x VPN tunnels
- Built-in object-oriented firewall

- IPv6 & IPv4
- 802.11n Wi-Fi (n model)
- VoIP (V model)
- 2 x USB ports for 3G/4G LTE mobile broadband access, USB printer and storage
- Works with VigorACS SI management system

VigorACS SI Management

VigorACS SI, a TR-069 based centralized management system, is used to configure, monitor and manage DrayTek devices remotely. Function wizards simplify tasks for VPN connection, configuration, firmware upgrading, etc.

SPI Firewall

The Stateful Packet Inspection (SPI) firewall monitors incoming and outgoing data packets at layer 3. It maintains a table of open connections and inspects the payload to determine if data will be passed or blocked by matching known active legitimate connections.

Models

Vigor2760 Delight
Vigor2760n Delight
Vigor2760Vn Delight

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Vigor130
VDSL2/ADSL2+ modem/router

TAIWAN EXCELLENCE 2014

Specification

- 1 x VDSL2/ADSL2+ WAN port
- 1 x Gigabit Ethernet LAN port
- VDSL2 vectoring
- Bridging for VDSL2 and ADSL2+
- Built-in object-oriented firewall
- IPv6 & IPv4
- Works with VigorACS SI management system

The Vigor130 is a compact router with a VDSL2/ADSL2+ WAN port and a Gigabit LAN port. With features including an object-oriented firewall, Denial of Services (DoS) protection and URL content filtering, this easy-to-configure router is suitable for home and SOHO broadband access. It can also be used as a transparent bridge to interface DrayTek broadband routers to VDSL2/ADSL2+ services.

Vigor120
ADSL2+ modem/router

The Vigor120 is a compact router with an ADSL2+ WAN port and an Ethernet LAN port. It can act as a standalone router with NAT, DHCP server and object-oriented firewall. It can also be used as a transparent bridge to interface DrayTek broadband routers to ADSL2+ services.

Specification

- 1 x ADSL2+ WAN port
- 1 x Fast Ethernet LAN port
- Bridging (MPoA of PPPoA/PPPoE)
- Built-in object-oriented firewall
- Works with VigorACS SI management system

Object-oriented Firewall

Objects can be created and re-used multiple times in firewall rules, saving time and effort for firewall settings. These objects include IP objects (a list of IP addresses), service type objects, keyword objects, etc.

Bridge Mode

The Vigor120 and Vigor130 can be set up as routers, or as modems in PPPoA/PPPoE bridge mode. In bridge mode, the device acts as a modem and passes through the PPP link details to a succeeding router that is capable of handling the PPP authentication.

Models

Vigor120
Vigor130

Vigor3900

Quad-WAN Broadband router with security firewall and 500 VPN tunnels

NBN
NBN Ready

UFB
UFB Ready

The Vigor3900 Quad-WAN router is an enterprise level broadband router with 4 Gigabit Ethernet WAN ports and a SFP slot for an Optic Fibre WAN interface. It supports High Availability, load balancing and failover features among the number of WAN interfaces. Furthermore, it can handle up to 500 VPN tunnels, 100 SSL-VPN tunnels and 50 IP subnets simultaneously.

The hardware specifications and enterprise level features make this router an excellent solution for business applications where speed and reliability are required.

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2012

Specification

- 4 x Gigabit Ethernet WAN ports
- 1 x SFP WAN port
- 2 x Gigabit Ethernet LAN ports
- 1 x SFP LAN port
- 500 x VPN tunnels
- 100 x SSL-VPN tunnels
- High Availability and failover
- Object-oriented firewall

- Multi-subnet WAN/LAN through 802.1Q
- Bandwidth management
- Load balancing & failover
- IPv6 & IPv4
- 2 x USB ports for 3G/4G LTE mobile broadband access, USB printer and storage
- Rack mountable
- Works with VigorACS SI management system

SFP Ports

Small Form-factor Pluggable (SFP) ports allow the addition of small transceivers (SFP modules) to the router so it can connect directly to Gigabit Ethernet optical fibre cables.

VPN Concentrator

In large organisations, VPN concentrators are used to allow access for the branch offices as well as remote users to access data at the headquarters.

Models

Vigor3900

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Vigor3220 series
Quad-WAN Broadband routers with security firewall and 50 VPN tunnels

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With 4 Ethernet WAN ports and 2 USB WAN ports for 3G/4G mobile Internet accesses, Vigor3220 routers support load balancing, failover and High Availability functions. The WAN and LAN capacity allow these routers to support business applications such as Web, FTP or Mail servers, with plenty of bandwidth for all customers.

Vigor3220 routers support enterprise level features such as multi-subnet, multi-VLAN, object-oriented SPI firewall, 50 VPN tunnels, 50 SSL VPN tunnels, central AP Management, VPN Management, TR-069 ACS capability, etc. A console port allows a dedicated computer to be used to configure the router.

Specification

- 4 x Gigabit Ethernet WAN ports
- 1 x Gigabit Ethernet LAN port
- 1 x Fast Ethernet DMZ port
- 2 x USB ports for 3G/4G LTE mobile broadband access, USB printer and storage
- 50 x VPN tunnels
- 50 x SSL-VPN tunnels
- 802.11n Wi-Fi (n model)

- Comprehensive QoS features
- Multi-subnet WAN/LAN through 802.1Q
- IPv6 & IPv4
- Load balancing & failover
- Central AP Management (30 nodes)
- Central VPN Management (12 nodes)
- Rack mountable
- Works with VigorACS SI management system

Central VPN Management

Central VPN Management (CVM) allows the configuration and monitoring of VPN tunnels from the router console. The Vigor3220 manages CVM for up to 12 nodes.

Central AP Management

Central Access Point Management allows the configuration and monitoring of attached DrayTek wireless access points from the router console. It can also be used to configure load balancing over the Wi-Fi network.

Models

Vigor3220
Vigor3220n

Vigor300B
Quad-WAN broadband router

The Vigor300B router has 4 Gigabit Ethernet WAN ports with a combined throughput up to 1000 Mbps, and 2 Gigabit LAN ports for internal traffic. With multi-WAN load balance and failover functions, this router is suitable for small to medium businesses that need plenty of bandwidth for mission-critical applications.

This router has an object-oriented firewall with Content Security Management and Dos/DDoS Prevention.

Vigor300B has a metal housing and can be easily rack mounted in a standard 19" rack or cabinet.

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Specification

- 4 x Gigabit Ethernet WAN ports
- 2 x Gigabit Ethernet LAN ports
- 2 x USB ports for 3G/4G LTE mobile broadband access, USB printer and storage

- Multi-subnet WAN/LAN through 802.1Q
- IPv6 & IPv4
- Load balancing & failover
- Rack mountable
- Works with VigorACS SI management system

Mission Critical Applications

Mission critical applications refer to applications or processes that are critical to the organization's "mission", and whose failure will result in the failure of business operations. In many cases, these require fail-proof networks and Internet accesses.

Multi-WAN Load Balancing

The Multi-WAN load balance feature allows flexible sharing of Internet bandwidth from a multiple number of WAN accesses.

Models

Vigor300B

Vigor2960
Dual-WAN Gigabit router with security firewall and 200 VPN tunnels

The Vigor2960 dual-WAN broadband router supports 2 Gigabit WAN access and 4 Gigabit LAN ports with comprehensive firewall and VPN capabilities. The dual-WAN and 3G/4G capacity with load balancing and failover allows for flexible and secure Internet access options. Equipped with object-oriented SPI firewall, comprehensive 200 tunnel VPN and Gigabit LAN speed, this router is an ideal NBN solution for SOHO to business applications.

This router comes in a metal housing and can be easily rack mounted in a standard 19" rack or cabinet.

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Specification

- 2 x Gigabit Ethernet WAN ports
- 4 x Gigabit Ethernet LAN ports
- 200 VPN tunnels
- 50 x SSL VPN tunnels
- Built-in object-oriented firewall
- IPv6 & IPv4

- Comprehensive QoS features
- Multi subnet WAN/LAN through 802.1Q
- Load balancing & fail over
- 2 x USB ports for 3G/4G LTE mobile broadband access, USB printer and storage
- Works with VigorACS SI management system
- Rack Mountable

Dual/Multi-WAN

Dual-WAN refers to two WAN accesses through the router. With the use of 3G/4G mobile connections by attaching 3G/4G USB modems to the router USB ports, the Vigor2960 supports a maximum of 4 WAN connections.

Tag/Port-based VLAN

Port-based VLANs allow the assignment of a VLAN and IP subnet to each router LAN port. Tag-based VLANs can extend up to 20 VLANs and IP subnets to an attached switch by using 802.1Q VLAN tagging. These are used in organisations with many departments that require individual IP subnets and networks.

Models

Vigor2960

Vigor2925 series
Dual-WAN Broadband routers with security firewall and 50 VPN tunnels

NBN
NBN Ready

UFB
UFB Ready

The Vigor2925 dual-WAN broadband routers support 2 Gigabit Ethernet WAN ports and 5 Gigabit Ethernet LAN ports. The 2 WANs and the 3G/4G USB mobile Internet accesses can be configured for load balance and failover. Combining the fast LAN/WAN speeds, the object-oriented SPI firewall and the comprehensive 50 VPN tunnel capability, these routers are suitable for SOHO to business applications.

These routers can be rack mounted using a metal extension bracket on a standard 19" rack or cabinet.

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Specification

- 2 x Gigabit Ethernet WAN ports
- 5 x Gigabit Ethernet LAN ports
- 50 x VPN tunnels
- 25 x SSL VPN tunnels
- Built-in object-oriented firewall
- IPv6 & IPv4
- Rack mountable

- 802.11n Wi-Fi (n model)
- Concurrent dual-band Wi-Fi (n-plus model)
- 802.11ac (ac model)
- VoIP (V model)
- 2 x USB ports for 3G/4G LTE mobile broadband access, USB printer and storage
- Works with VigorACS SI management system

Dual Band Wi-Fi

Dual band wireless routers feature both the 2.4 GHz band used by 802.11b, 802.11g, and 802.11n and the 5.0 GHz band of 802.11a. This allows Wi-Fi connections on both bands to provide greater flexibility as well as higher Wi-Fi throughput.

VoIP

Voice over IP (VoIP) allows you to connect up to two analogue phones to the router to make low cost phone calls over the Internet through subscribed VoIP services.

Models

Vigor2925
Vigor2925n
Vigor2925n-plus
Vigor2925Vn-plus
Vigor2925ac

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Vigor2912 series

Dual-WAN broadband routers with security firewall and 16 VPN tunnels

NBN Ready   UFB Ready

The Vigor2912 Dual-WAN router supports 2 Fast Ethernet WAN interfaces and a USB port for 3G/4G mobile broadband, and load balancing and failover between any 2 of the 3 WANs. With the comprehensive firewall with Content Security Management and up to 16 VPN tunnels, this router is suitable for SOHO to small businesses that require moderate network speeds with high security and reliability.

The n model supports 802.11n 2.4 GHz Wi-Fi with a full set of business level Wi-Fi functions such as Multiple/Hidden SSID, WDS, AP Discovery, SSID VLAN grouping with LAN ports, Wireless Rate Control, WMM, etc.

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2014

Specification

- 1 x Fast Ethernet WAN port
- 1 x Selectable WAN/LAN port
- 3 x Fast Ethernet LAN ports
- 1 x USB port for 3G/4G LTE mobile broadband access, USB printer and storage
- 16 x VPN tunnels
- 802.11n Wi-Fi (n model)

- Object-based SPI Firewall
- Content Security Management (CSM)
- Multi subnet WAN/LAN through 802.1Q
- Comprehensive QoS features
- IPv6 & IPv4
- Load balancing & fail over
- Works with VigorACS SI management system

Load Balancing and Failover

Load balancing is the ability of a router to balance or share the Internet network traffic over multiple WAN links. With Failover in multi-WAN routers, a backup WAN link will come online and take over the operations when the primary WAN connection fails.

CSM

Content Security Management (CSM) controls several types of traffic to the Internet, including web content (URL and Web Content Filters), web applications, messenger applications, Peer to Peer applications and a range of TCP/IP protocols.

Models

Vigor2912
Vigor2912n

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NBN
NBN Ready

UFB
UFB Ready

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Broadband

Vigor2120 series
Broadband routers with security firewall and 2 VPN tunnels

The Vigor2120 broadband routers support a Gigabit Ethernet WAN port and 4 Gigabit Ethernet LAN ports. A USB port that supports 3G/4G mobile broadband provides a second WAN with a failover function. With an object oriented firewall and 2 VPN/SSL VPN tunnels, this router is suitable for home to SOHO market.

The n-plus model supports concurrent dual band 2.4 GHz and 5 GHz Wi-Fi. It supports a full set of business level Wi-Fi functions such as Multiple/Hidden SSID, WDS, AP Discovery, SSID VLAN grouping with LAN ports, Wireless Rate Control, WMM, etc.

Specification

- 1 x Gigabit Ethernet WAN port
- 4x Gigabit Ethernet LAN ports
- 1 x USB port for 3G/4G LTE mobile broadband access, USB printer and storage
- 2 x VPN tunnels with hardware acceleration
- 2 x SSL VPN tunnels
- Comprehensive QoS features
- Object-based SPI Firewall
- Content Security Management (CSM)
- Multi subnet WAN/LAN through 802.1Q
- IPv6 & IPv4
- 2.4/5 GHz Concurrent Dual-Band Wi-Fi (n-plus model)
- Works with VigorACS SI management system

802.1Q Multi-Subnet

IEEE 802.1Q is the networking standard supporting virtual LANs (VLANs) on Ethernet networks. Multiple VLANs with assigned IP subnets can be combined into an 802.1Q VLAN trunk allowing connection to a switch over a single Ethernet connection.

IPv6

IPv6 replaces IPv4, whose IP addresses have exhausted due to its 32-bit addressing. With 128-bit addressing, IPv6 provides an almost unlimited number (3.4 x1038) of IP addresses.

Models

Vigor2120
Vigor2120n-plus

NBN
NBN Ready

UFB
UFB Ready

VigorFly 210

Broadband/USB router with 1 VPN tunnel

The VigorFly 210 router supports an Ethernet WAN or a USB mobile WAN, either of these can be a primary or a backup connection. The integrated 802.11n Wireless AP offers reliable wireless connections using WMM (Wi-Fi Multimedia). Additional Wi-Fi features make it easy and flexible for providing Internet access to users. For instance, it supports multi-SSID with each SSID having specific security parameters. You can also configure the VigorFly as a WDS (Wireless Distributed System) to extend Wi-Fi coverage.

Specification

- 1 x Fast Ethernet WAN port
- 4 x Fast Ethernet LAN ports
- 1 x USB port for 3G/4G LTE mobile broadband access
- 1 x VPN tunnel with hardware acceleration
- Object-based SPI Firewall
- Content Security Management (CSM)
- IPv6 & IPv4
- 802.11n Wireless LAN
- Works with VigorACS SI management system

4G LTE Mobile

4G is referred to as LTE (Long Term Evolution), a standard for wireless communication of high-speed data for mobile phones.

WMM

Wi-Fi Multimedia (WMM) improves the performance of video and voice traffic by prioritizing these packets using Quality of Services settings. This allows video and voice data to be delivered at higher speed with higher priority in comparison to other data services.

Model

VigorFly 210

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VigorBX 2000 series
Dual-WAN xDSL IPPBX routers with IP PBX, security firewall and 32 VPN tunnels

NBN
UFB
NBN Ready | **UFB Ready**

The VigorBX dual-WAN VDSL2/ADSL2+ routers support an xDSL WAN, a Gigabit Ethernet WAN and 6 Gigabit LAN port. The 2 WANs and the 3G/4G USB mobile Internet accesses can be configured for load balance and failover. Apart from most advanced business level networking features, this router supports a host of IPPBX functions for up to 50 extensions. These include auto attendant, 12 SIP trunks and 8 customer trunks, hunt group, voice mail, call forward/pickup, music on hold, etc. These routers also support VoIP with 1 FXS and 2 FXO ports.

The VigorBX 2000ac model supports concurrent 2.4 GHz and 5 GHz 802.11ac Wi-Fi, in addition to a set of advanced Wi-Fi functions. These include Wireless LAN isolation, Wireless Client List, Multiple/Hidden SSID, AP Discovery, WDS, WMM, Wireless Rate Control, etc.

Specification

Router
- 1 x VDSL2/ADSL2+ WAN port
- 1 x Gigabit Ethernet WAN port
- 6 x Gigabit Ethernet LAN ports
- 2 x USB port for 3G/4G LTE mobile broadband access ,USB printer and storage
- 32 x VPN tunnels
- 16 x SSL VPN tunnels
- VPN Trunk (Load Balance / Backup)
- Object-based SPI Firewall, Content Security Management (CSM)
- IPv6 & IPv4
- 802.11 ac (ac model)

IP PBX
- 2 x FXO ports
- 1 x FXS port
- IPPBX Wizard
- 50 Extensions
- Auto Attendant
- 12 x SIP trunks
- Music on Hold
- Hunt Groups
- Voicemail
- Configurable user prompts
- Digit Map
- Speed Dial

IP PBX

Private Branch Exchanges (PBX) are primarily used by businesses to receive, transfer and divert telephone calls. Modern PBXs have many additional functions such as Hunt Group, Auto Attendant, etc. An IP PBX is a PBX implemented using IP technology.

Auto Attendant

Auto Attendant automatically answers incoming phone calls to the PBX and provides voice prompts for the caller. Calls are then directed to the required extension or service based on the callers' responses to the menu options.

Models

VigorBX 2000
VigorBX 2000ac

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LTE

NBN
NBN Ready

UFB
UFB Ready

Vigor2860LTE

Multi-WAN LTE/xDSL/Gigabit router with security firewall and 32 VPN tunnels

The Vigor2860LTE router has most functions of the Vigor2860 series routers, with an additional integrated 4G LTE mobile broadband SIM module with speeds up to 150 Mbps downstream and 50 Mbps upstream. The multi-WAN includes 1 VDSL2/ADSL2+, 1 Gigabit Ethernet WAN and the 4G LTE mobile broadband, and can be configured for load balance and failover. Apart from the 4G LTE capability, this router supports an object-oriented SPI firewall, IPv6 support, 32 VPN tunnels, 16 SSL VPN tunnels, tag-based VLAN, multiple subnets, and many more features.

This router can be rack mounted using an 1RU rack mount bracket (DR101) on a standard 19" rack or cabinet.

LTE Specification
- LTE/4G category 4
- 150 Mbps downstream and 50 Mbps upstream
- 4G LTE band 800/900/ 1800/2600 MHz
- HSPA+ Band 1/8

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Specification
- Built-in LTE modem
- 1 x VDSL2/ADSL2+ WAN port
- 1 x Gigabit Ethernet WAN port
- 6 x Gigabit Ethernet LAN ports
- 32 x VPN tunnels
- 16 x SSL VPN tunnels

- IPv6 & IPv4
- VoIP (2 FXS and 1 Line ports)
- 802.11n Wi-Fi (n model)
- 1 x USB port for 3G/4G LTE mobile broadband access, USB printer and storage
- Works with VigorACS SI management system

LTE SIM Module

4G is referred to as LTE (Long Term Evolution), a standard for wireless communication of high-speed data for mobile phones. Devices such as smart phones or LTE routers have a SIM module with a slot for users to plug in a 4G (LTE) SIM card to access the Internet over the 4G network.

4G LTE Frequencies

4G LTE systems operate over a range of frequency bands. DrayTek routers utilise the 4G LTE 800/900/1800/2600 MHz frequency bands which are used by majority of service providers.

Models

Vigor2860LTE

Vigor2925LTE

Multi-WAN LTE/Gigabit router with security firewall and 50 VPN tunnels

NBN Ready **UFB Ready**

The Vigor2925LTE router has most functions of the Vigor2925 series routers, with an additional integrated 4G LTE mobile broadband SIM module with speeds up to 150 Mbps downstream and 50 Mbps upstream. This router has 2 Gigabit Ethernet WANs and the 4G LTE mobile broadband which can be configured for load balance and failover. Apart from the 4G LTE capability, this router supports an object-oriented SPI firewall, IPv6 support, 50 VPN tunnels, 25 SSL VPN tunnels, tag-based VLAN, multiple subnets, and many more features.

This router can be rack mounted using an 1RU rack mount bracket (DR101) on a standard 19" rack or cabinet.

LTE Specification

- LTE/4G category 4
- 150 Mbps downstream and 50 Mbps upstream
- 4G LTE band 800/900/ 1800/2600 MHz
- HSPA+ Band 1/8

Specification

- Built-in LTE modem
- 2 x Gigabit Ethernet WAN ports
- 5 x Gigabit Ethernet LAN ports
- 50 x VPN tunnels
- 25 x SSL VPN tunnels
- IPv6 & IPv4
- VoIP (2 FXS and 1 Line ports)
- Rack mountable
- 802.11n Wi-Fi (n model)
- 1 x USB ports for 3G/4G LTE mobile broadband access, USB printer and storage
- Works with VigorACS SI management system

FXS and FXO (Line) Ports

FXS (Foreign eXchange Subscriber) is an interface that has line conditions similar to those from telephone exchanges. It is used to connect to an analogue telephone. FXO (Foreign eXchange Office) is an interface that has line conditions similar to those from an analogue telephone. It is used to connect to a telco's line.

HSPA+

DC-HSPA+ provides double the speed of HSPA+ only. HSPA+, or Evolved High-Speed Packet Access, enhances the widely used WCDMA (UMTS) based 3G networks, and provides data rates up to 168 Mbps downlink and 22 Mbps uplink.

Models

Vigor2925LTE

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VigorACS SI

Centralized Auto-Configuration Server for System Integrators

VigorACS SI is a TR-069 based centralized management system for DrayTek's Vigor devices. With a user friendly interface, it allows system integrators or network administrators to configure, monitor and manage DrayTek devices remotely from the comfort of their offices or homes.

Auto Provisioning

VigorACS SI allows CPEs, when installed in remote networks, to receive pre-configured data such as IP, PPPoE, VoIP parameters, etc. from the ACS server.

VigorACS SI allows network administrators to schedule provisioning of new profiles, firmware upgrades or back-up/restore configurations for selected CPE's to occur at specific times. Operations such as configuring VPN connections, VoIP settings, uploading new profiles, etc. can be scheduled to take place at the same time and in the same way as required.

Auto Provision will reduce the cost of on-site support and ensure network uniformity. For example, in a project for a national lottery organisation, several thousand Vigor routers were preconfigured with the same network, VPN and VoIP settings as well as firmware versions.

Function Wizards

VigorACS SI includes a number of wizards which allow network administrators to quickly and easily carry out complex tasks.

Configuration Wizard

The Configuration wizard provides a convenient user interface for setting up backup and restore functions. You can select CPEs or groups and schedule them for backup or restore to occur separately or simultaneously.

Firmware Upgrade Wizard

The Firmware wizard allows firmware upgrades to be carried out at the scheduled data and time, or immediately.

VPN Wizard

The VPN wizard is designed to simplify configuration of VPN tunnels between CPEs. With the CPEs shown on a Google Map page, you can drag the icon of one CPE and drop it onto another to create a VPN tunnel between the two CPEs within seconds.

Firmware Upgrade Wizard

VPN Wizard

Note: Other wizard functions will be added in future firmware versions of VigorACS SI.

Alarm & Log Management

VigorACS SI records real time alarms and sends alert messages about fault conditions of all CPEs to specified phone or email accounts. The types of alarm reports include date, time, alarm type, level and acknowledge status. You can examine the alarm details and system logs to determine the nature of the faults, and hopefully clear them without leaving your place and racing to the sites.

A Log View page displays two types of information: Device Action and System status. The Device Action page lists network activity data of the CPEs such as download, reboot, parameters, objects added or deleted by VigorACS SI, etc. With these records, you can check what had happened to each CPE and when.

The System page displays the changes made to the CPEs by the VigorACS SI including network names, CPEs' names, CPEs' locations, etc.

Reports

VigorACS SI provides a range of reports for network administrators to monitor traffic conditions and activities of all CPEs. These reports cover the following performance details:

- Device summary
- Status of CPEs
- LAN/WAN statistics & graphical charts
- Firmware versions
- CPE IP overview (LAN/WAN)

The Network Topology view provides a Google Map view showing the locations of the CPE devices.

User Operation Management

The User Operation Management page lists three authority levels for network administrators (high to low): system administrator (user name "root"), administrator (user name "admin") and operator (user name "operator").

Users are provided with access privileges based on their authority levels. For instance, an IT department head as the VigorACS SI license host can have the highest authority as a system administrator. A senior IT engineer or an ACS SI license reseller can have the secondary authority as an administrator. A junior IT personnel can have an operator level access authority.

Alarm Management

Report

User Panel
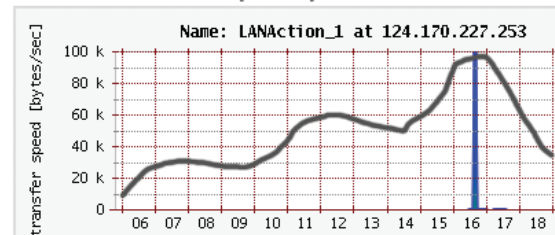
VigorSwitch G2260

24 port Gigabit layer 2 managed switch

VigorSwitch G2260 is a layer 2 managed switch with 24 10/100/1000 Base-T Gigabit Ethernet ports, 4 SFP combo port and 2 SFP uplink ports. It supports VLAN, port trunking, port mirroring and QoS functions of DrayTek routers.

Specification

- 24 x Gigabit ports
- 4 x SFP combo ports
- 2 x SFP uplink ports
- IPv6 & IPv4
- Port/Tag based VLAN
- Port Mirroring
- 802.1x features
- Quality of Service
- Rack Mountable

VigorSwitch G1241

24 port Gigabit web smart managed switch

VigorSwitch G1241 is a web smart managed switch with 24 10/100/1000 Base-T Gigabit Ethernet ports. It supports many network functions of DrayTek routers, including QoS, port mirroring, VLAN network security, spanning tree protocol, SNMP, etc. It is fully compliant with IEEE 802.3az energy efficient Ethernet protocol.

Specification

- 24 x Gigabit ports
- IPv6 & IPv4
- Port/Tag based VLAN
- Port Mirroring
- Quality of Service
- Trunking
- Rack Mountable

SFP Port

Small Form-factor Pluggable (SFP) ports allow the addition of small transceivers (SFP modules) to the SFP ports for the switches to connect directly to Gigabit Ethernet optical fibre cables.

Port Mirror

Managed switches provide port mirroring mechanism which sends a copy of all data packets in the switch to a single LAN port (mirror port) so traffic can be monitored and analysed for troubleshooting.

Models

VigorSwitch G2260
VigorSwitch G1241

VigorSwitch P2261
24 port Gigabit PoE layer 2 managed switch

VigorSwitch P2261 is a layer 2 managed switch with 24 10/100/1000 Base-T Gigabit Power over Ethernet ports, 4 SFP combo port and 2 SFP uplink ports. It supports VLAN, port trunking, port mirroring and QoS functions of DrayTek routers. The 802.3at PoE+ (up to 30W/port) ports provide power to PoE enabled devices such as IP cameras, wireless APs, etc., that need to be mounted at locations with no power outlets.

Specification
- 24 x Gigabit Power over Ethernet ports
- 4 x SFP combo ports
- 2 x SFP uplink ports
- IPv6 & IPv4
- Port/Tag based VLAN
- Port Mirroring
- 802.3at PoE+
- 802.1x features
- Quality of Service
- Rack Mountable

VigorSwitch P1090
8 port Gigabit PoE switch

VigorSwitch P1090 is a switch with 8 10/100/1000 Base-T Gigabit Power over Ethernet ports. The 802.3at PoE+ (up to 30W/port) ports provide power to PoE enabled devices such as IP cameras, wireless APs, etc., that need to be mounted at locations with no power outlets.

Specification
- 8 x Gigabit Power over Ethernet ports
- Port 1-4 support 802.3at PoE+ (up to 30 W/port)
- 130 watts of PoE power (15.4 W/port)
- 11" metal case
- Rack mountable

802.3at PoE+
802.3at PoE+ provides up to 30 Watts of power over Cat. 5 data cabling to powered devices such as IP phones, IP cameras, wireless Access Points and remote switches.

Port/Tag-based VLAN
Port-based VLANs allow the assignment of a VLAN and IP subnet to each router LAN port. Tag-based VLANs can extend up to 20 VLANs and IP subnets to an attached switch by using 802.1Q VLAN tagging. These are used in organisations with many departments that require individual IP subnets and networks.

Models
VigorSwitch P2261
VigorSwitch P1090

VigorAP 910C

802.11ac wireless access point with ceiling mount housing and PoE PD port

TAIWAN EXCELLENCE 2015

Specification

- 1 x PoE PD port
- 802.11ac Wi-Fi
- Universal repeater mode
- Multiple SSID
- Internal radius server
- TR-069 capability

VigorAP 910C is an 802.11ac wireless access point with a PoE PD port and ceiling mount housing. It supports expanded wireless features such as multiple SSID, hidden SSID, Wi-Fi multimedia, wireless isolation, an internal radius server and universal repeater mode.

VigorAP 900

802.11n concurrent dual band wireless access point with PoE PD port

VigorAP 900 is an 802.11ac wireless access point with a PoE PD port. It supports concurrent dual band of 2.4 GHz and 5 GHz. There are 5 Gigabit LAN ports that can be divided into 2 segments (4 LAN ports in segment A and 1 in segment B). It supports expanded wireless features such as multiple SSID, universal repeater mode, bridge mode (point to point or point to multi-points) and WDS.

TAIWAN EXCELLENCE 2014

VigorAP 900 supports two advanced wireless features, Air Time Fairness and Roaming. Air Time Fairness provides equal airtime to Wi-Fi clients improving effective wireless speeds.

Specification

- 1 x PoE PD port
- 5 x LAN ports
- 1x USB printer port
- Concurrent dual band Wi-Fi
- Air Time Fairness

- WMM
- WDS
- 2 x LAN segments
- Universal repeater mode
- Multiple SSID
- TR-069 capability

802.11ac Wi-Fi

802.11ac Wi-Fi standard, also known as "Gigabit Wi-Fi", operates in the 5 GHz Wi-Fi band. It provides traffic rate over 1 Gbps, compared to 300 Mbps maximum from 802.11n standard.

Airtime Fairness

The Airtime Fairness feature provides equal amounts of airtime to Wi-Fi clients regardless of its data rate. By preventing some clients from clogging up the network, it can improve effective wireless speeds.

Models

VigorAP 910C
VigorAP 900

VigorAP 810

802.11n wireless access point with PoE PD port

VigorAP 810 is an 802.11n wireless access point with a PoE PD port. It supports concurrent dual band of 2.4 GHz and 5 GHz. There are 5 Gigabit LAN ports that can be divided into 2 segments (4 LAN ports in segment A and 1 in segment B). It supports expanded wireless features such as multiple SSID, universal repeater mode, bridge mode (point to point or point to multi-points) and WDS.

Specification

- 1 x PoE PD port
- 5 x LAN ports
- 1 x USB printer port
- 2 x LAN segments

- WMM
- WDS
- 802.11n Wi-Fi
- Universal repeater mode
- Multiple SSID
- TR-069 capability

VigorAP 710

802.11n wireless access point

VigorAP 710 is an 802.11n wireless access point. It supports expanded wireless features such as multiple SSID, universal repeater mode, bridge mode (point to point or point to multi-points) and WDS.

Specification

- 1 x LAN port
- 802.11n Wi-Fi
- WMM
- WDS

- Multiple SSID
- Universal repeater mode
- TR-069 capability

Multiple SSID

Each SSID (Service Set Identification) can be used for a group of Wi-Fi clients. Vigor Access Points provide 4 SSIDs in single band models or 8 SSIDs for dual band models (4 for 2.4 GHz band and 4 for 5 GHz band).

AP Bridge - WDS

WDS (Wireless Distribution System) allows multiple Access Points to form a Wi-Fi network without the wired backbone to link them. This means that the capacity and distance of the Wi-Fi network can be extended. Up to four VigorAPs can be linked in WDS mode; each AP can still serve wireless clients as normal.

Models

VigorAP 810
VigorAP 710

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Accessories
Wireless

Accessories

DrayTek Wi-Fi routers access points are supplied with standard 2 dBi antennas. To improve Wi-Fi coverage in weak signal areas or to cover a larger area, you can replace the detachable antennas with higher gain antennas. A variety of antennas are available in both omni-directional and directional versions to suit different requirements.

ANT-1107
7 dBi omni-directional antenna

Compatible with 802.11b/g/n

ANT-1207
7 dBi omni-directional antenna

Compatible with 802.11a/b/g/n/ac

ANT-2510
10 dBi panel-directional antenna

Compatible with 802.11b/g/n

ANT-2520
10 dBi patch antenna
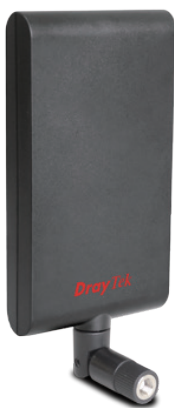
Compatible with 802.11a/b/g/n/ac

ANT-2309
9 dBi directional antenna

Compatible with 802.11b/g/n

Vigor N65
2.4 GHz / 5 GHz wireless client

Compatible with 802.11a/b/g/n

Directional Antennas

Directional antennas radiate or receive wireless signals in the direction of the elements. Normally the signal power is stronger allowing larger distance. These are typically used for point to point Wi-Fi connections between buildings.

Omni-Directional Antennas

Omni-Directional antennas radiate or receive wireless signals in all directions consistently (360˚ coverage). They are suitable for covering a confined space such as within a building.

Models

Vigor N65
ANT-1107
ANT-1207
ANT-2510
ANT-2520
ANT-2309

Web Content Filter packages

Web Content Filter

Web Content Filter is a technology that classifies all websites into 64 categories, and allows network administrators to select categories to protect the users from undesirable website content. DrayTek uses CYREN WCF database for its Vigor routers, and provides three WCF packages: WCF-A, WCF-B and WCF-S.

DrayTek

GlobalView
Web Content Filter

License Key

Powered by **com*m*touch**

RPD by **com*m*touch**

Packages

The WCF licence package corresponds to the router model being used. Three packages are available. These are WCF-A, WCF-B and WCF-S. More information on supported routers is available from www.draytek.com.au

Time Scheduler

The "Time Schedule" feature can be used in conjunction with the firewall objects which are defined by the users, to apply firewall rules on specific days and time.

User Notification

You can customise messages for websites blocked by the WCF to suit your operational needs.

Models

WCF-A
WCF-B
WCF-S

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xDSL/Broadband Single-WAN

xDSL/Broadband Single-WAN	Vigor120	Vigor130	VigorFly 210	Vigor2120	Vigor2120n-plus	Vigor2760	Vigor2760n	Vigor2760Vn	Vigor2912	Vigor2912n
NAT										
NAT Sessions ('000's)	5	10	25	30	30	30	30	30	30	30
WAN										
IPv4 & IPv6		✔	✔	✔	✔	✔	✔	✔	✔	✔
ADSL/ADSL2/2+	✔	✔				✔	✔	✔		
VDSL2		✔				✔	✔	✔		
Gigabit Ethernet			1*	1	1	1^	1^	1^	2*^	2*^
4G LTE (SIM Card)										
Backup (Fail-Over)			4G	4G	4G	4G	4G	4G	✔	✔
Load-Balancing									✔	✔
USB										
3G/4G LTE			1	1	1	1	1	1	2	2
NAS & Printer			✔	✔	✔	✔	✔	✔	✔	✔
Temperature Sensor										
LAN										
Gigabit LAN	1*	1	4*	4	4	4	4	4	4*	4*
Multiple LAN Subnets				2	2	2	2	2	2	2
WLAN										
Wireless					11a/n		11n	11n		11n
AP Management										
VoIP										
Phone Ports (FXS)								2		
PSTN Ports (Lifeline)								1		
Secure VoIP								✔		
VPN										
VPN Tunnels			1	2	2	2	2	2	16	16
SSL VPN				2	2	2	2	2		
VPN Backup									✔	✔
VPN Trunking										
CVM (Central VPN Management)										
Management										
Bandwidth Management			✔	✔	✔	✔	✔	✔	✔	✔
User Management						✔	✔	✔	✔	✔
CSM (URL/Keyword)		✔	✔	✔	✔	✔	✔	✔	✔	✔
WCF (Cyren Web Content Filter)			WCF-B	WCF-B	WCF-B	WCF-B	WCF-B	WCF-B	WCF-B	WCF-B
Smart Monitor (Network Traffic Analyser)									30	30
VigorACS SI (TR-069)	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔
Rack Mountable										
Rack Mountable										

* Fast Ethernet
^ Be able to switch one of LAN port to WAN port

Wireless Access Point

	VigorAP 710	VigorAP 810	VigorAP 900	VigorAP 910C
Description				
	Wireless AP	PoE AP	PoE AP	Ceiling PoE AP
USB Port				
		1	1	
Wireless Speed				
	300 Mbps @ 2.4 GHz	300 Mbps @ 2.4 GHz	300 Mbps @ 2.4 GHz	300 Mbps @ 2.4/5 GHz 866 Mbps @ 11ac
LAN				
Ethernet	1 x FE	4 x FE + 1 x PoE-PD	4 x GbE + 1 x PoE-PD	1 x GbE PoE-PD
Multiple Subnet		2	2	
VLAN (tag-based)		✔	✔	
WLAN				
Wireless	802.11b/g/n	802.11b/g/n	802.11a/b/g/n	802.11a/b/g/n/ac
MIMO	2 x 2	2 x 2	2 x 2	2 x 2
Security	WEP/WPA/WPA2/ 802.1x	WEP/WPA/WPA2/ 802.1x	WEP/WPA/WPA2/ 802.1x	WEP/WPA/WPA2/ 802.1x
Antennas	2	2	2	4 (Hidden)
Multiple SSID	4	4	4 @ 2.4 GHz 4 @ 5 GHz	4 @ 2.4 GHz 4 @ 5 GHz/ac
VLAN (tag-based)	✔	✔	✔	✔
Mode				
AP	✔	✔	✔	✔
Station	✔	✔	✔	✔
Universal Repeater	✔	✔	✔	✔
WDS Bridge/Repeater	✔	✔	✔	✔
APM				
Firmware Upgrade		✔	✔	✔
Configuration Backup		✔	✔	✔
Auto Provision		✔	✔	✔
AP Load Balance		✔	✔	✔
Built-in RADIUS				
		✔	✔	✔
USB Temperature Meter				
		✔	✔	✔
PMK Caching				
		✔	✔	✔

FE: Fast Ethernet
GbE: Gigabit Ethernet
PoE-PD: Power over Ethernet Powered Device

xDSL Multi-WAN	Vigor2860	Vigor2860n	Vigor2860n-plus	Vigor2860Vn-plus	Vigor2860ac	Vigor2860Vac	Vigor2860LTE
NAT							
NAT Sessions ('000's)	50	50	50	50	50	50	50
WAN							
IPv4 & IPv6	✔	✔	✔	✔	✔	✔	✔
ADSL/ADSL2/2+	✔	✔	✔	✔	✔	✔	✔
VDSL2	✔	✔	✔	✔	✔	✔	✔
Gigabit Ethernet	1	1	1	1	1	1	1
4G LTE (SIM Card)							✔
Backup (Fail-Over)	✔	✔	✔	✔	✔	✔	✔
Load-Balancing	✔	✔	✔	✔	✔	✔	✔
USB							
3G/4G LTE	2	2	2	2	2	2	2
NAS & Printer	✔	✔	✔	✔	✔	✔	✔
Temperature Sensor	✔	✔	✔	✔	✔	✔	✔
LAN							
Gigabit LAN	6	6	6	6	6	6	6
Multiple LAN Subnets	6	6	6	6	6	6	6
WLAN							
Wireless		11n	11a/n	11a/n	11ac	11ac	11a/n
AP Management	✔	✔	✔	✔	✔	✔	✔
VoIP							
Phone Ports (FXS)				2		2	2
PSTN Ports (Lifeline)				1		1	1
Secure VoIP				✔		✔	✔
VPN							
VPN Tunnels	32	32	32	32	32	32	32
SSL VPN	16	16	16	16	16	16	16
VPN Backup	✔	✔	✔	✔	✔	✔	✔
VPN Trunking	✔	✔	✔	✔	✔	✔	✔
CVM (Central VPN Management)	✔	✔	✔	✔	✔	✔	✔
Management							
Bandwidth Management	✔	✔	✔	✔	✔	✔	✔
User Management	✔	✔	✔	✔	✔	✔	✔
CSM (URL/Keyword)	✔	✔	✔	✔	✔	✔	✔
WCF (Cyren Web Content Filter)	WCF-A	WCF-A	WCF-A	WCF-A	WCF-A	WCF-A	WCF-A
Smart Monitor (Network Traffic Analyser)	30	30	30	30	30	30	30
VigorACS SI (TR-069)	✔	✔	✔	✔	✔	✔	✔
Rack Mountable							
Rack Mountable	✔	✔	✔	✔	✔	✔	✔

Broadband Multi-WAN	Vigor2925	Vigor2925n	Vigor2925n-plus	Vigor2925Vn-plus	Vigor2925ac	Vigor2925Vac	Vigor2925LTE
NAT							
NAT Sessions ('000's)	50	50	50	50	50	50	50
WAN							
IPv4 & IPv6	✔	✔	✔	✔	✔	✔	✔
ADSL/ADSL2/2+	✔	✔	✔	✔	✔	✔	✔
VDSL2	✔	✔	✔	✔	✔	✔	✔
Gigabit Ethernet	2	2	2	2	2	2	2
4G LTE (SIM Card)							✔
Backup (Fail-Over)	✔	✔	✔	✔	✔	✔	✔
Load-Balancing	✔	✔	✔	✔	✔	✔	✔
USB							
3G/4G LTE	2	2	2	2	2	2	2
NAS & Printer	✔	✔	✔	✔	✔	✔	✔
Temperature Sensor	✔	✔	✔	✔	✔	✔	✔
LAN							
Gigabit LAN	5	5	5	5	5	5	5
Multiple LAN Subnets	5	5	5	5	5	5	5
WLAN							
Wireless		11n	11a/n	11a/n	11ac	11ac	11a/n
AP Management	✔	✔	✔	✔	✔	✔	✔
VoIP							
Phone Ports (FXS)				2		2	2
PSTN Ports (Lifeline)				1		1	1
Secure VoIP				✔		✔	✔
VPN							
VPN Tunnels	50	50	50	50	50	50	50
SSL VPN	25	25	25	25	25	25	25
VPN Backup	✔	✔	✔	✔	✔	✔	✔
VPN Trunking	✔	✔	✔	✔	✔	✔	✔
CVM (Central VPN Management)	✔	✔	✔	✔	✔	✔	✔
Management							
Bandwidth Management	✔	✔	✔	✔	✔	✔	✔
User Management	✔	✔	✔	✔	✔	✔	✔
CSM (URL/Keyword)	✔	✔	✔	✔	✔	✔	✔
WCF (Cyren Web Content Filter)	WCF-A	WCF-A	WCF-A	WCF-A	WCF-A	WCF-A	WCF-A
Smart Monitor (Network Traffic Analyser)	50	50	50	50	50	50	50
VigorACS SI (TR-069)	✔	✔	✔	✔	✔	✔	✔
Rack Mountable							
Rack Mountable	✔	✔	✔	✔	✔	✔	✔

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Broadband Multi-WAN	Vigor2960	Vigor300B	Vigor3220	Vigor3220n	Vigor3900
NAT					
NAT Sessions ('000's)	80	100	100	100	120
WAN					
IPv4 & IPv6	✔	✔	✔	✔	✔
ADSL/ADSL2/2+					
VDSL2					
Gigabit Ethernet	2	4	4	4	4 + 1 x SFP
4G LTE (SIM Card)					
Backup (Fail-Over)	✔	✔	✔	✔	✔
Load-Balancing	✔	✔	✔	✔	✔
USB					
3G/4G LTE	2	2	2	2	2
NAS & Printer	✔	✔	✔	✔	✔
Temperature Sensor	✔	✔	✔	✔	✔
LAN					
Gigabit LAN	4	2	1	1	2 + 1 x SFP
Multiple LAN Subnets	20	4	4	4	50
WLAN					
Wireless				11a/n	
AP Management			✔	✔	
VoIP					
Phone Ports (FXS)					
PSTN Ports (Lifeline)					
Secure VoIP					
VPN					
VPN Tunnels	200		64	64	500
SSL VPN	50		50	50	100
VPN Backup	✔		✔	✔	✔
VPN Trunking	✔		✔	✔	✔
CVM (Central VPN Management)	✔		✔	✔	✔
Management					
Bandwidth Management	✔	✔	✔	✔	✔
User Management	✔	✔	✔	✔	✔
CSM (URL/Keyword)	✔	✔	✔	✔	✔
WCF (CYREN Web Content Filter)	WCF-S	WCF-S	WCF-A	WCF-A	WCF-S
Smart Monitor (Network Traffic Analyser)	200	100	100	100	500
VigorACS SI (TR-069)	✔	✔	✔	✔	✔
Rack Mountable					
Rack Mountable	✔	✔	✔	✔	✔

Network Switches

	VigorSwitch G1241	VigorSwitch G2260	VigorSwitch P1090	VigorSwitch P2261
Hardware Specification				
Gigabit Ethernet	24	24	8	24
SFP Port		6 (4 combo)		6 (4 combo)
Throughput (@ 64 Bytes)	35.7 Mpps	38.7 Mpps	11.9 Mpps	38.7 Mpps
Address Table	8K entries	8K entries	8K entries	8K entries
Jumbo Frame	9 Kbytes	9 Kbytes	9 Kbytes	9 Kbytes
Dimensions (W x D x H)	267 x 162 x 42	442 x 170.3 x 44	262 x 184 x 41	442 x 300 x 44
PoE				
IEEE 802.3af (15.4 W)			✔	✔
IEEE 802.3at (30 W)			Port 1 ~ 4	✔
PoE Scheduling			✔	✔
Power Budget			110 watts	185 watts
Layer 2				
Spanning Tree (802.1D/1w/1s)	802.1w/1s	802.1D/1w/1s		802.1D/1w/1s
IGMP Snooping	✔	✔		✔
QoS	✔	✔		✔
Access Control List	✔	✔		✔
802.1x Port-based	✔	✔		✔
MAC Binding / Filtering	✔	✔		✔
VLAN				
Port-based VLAN	✔	✔		✔
802.1Q VLAN	✔	✔		✔
Q-in-Q		✔		✔
Private VLAN Edge (PVE)		✔		✔
MAC-based VLAN	✔	✔		✔
Protocol-based VLAN		✔		✔
Voice VLAN	✔	✔		✔
MVR		✔		✔
Number of ID	4094	4094		4094
Number of Group	64	4K		4K
Management				
IPv6 / IPv4	IPv6 & IPv4	IPv6 & IPv4	IPv4	IPv6 & IPv4
Console (RS-232)		RJ-45		RJ-45
Telnet	✔	✔		✔
Web Management	✔	✔		✔
SNMP	v1, v2	v1, v2 & v3		v1, v2 & v3

DrayTek
Aust & NZ

Commitment to Quality and Service

made in
TAIWAN

TAIWAN EXCELLENCE 2011

VigorFly 200
VigorIPPBX 2820

TAIWAN EXCELLENCE 2012

VigorACS SI
Vigor2760 series
Vigor3200 series
Vigor2920 series
Vigor3900
VigorAP 800

TAIWAN EXCELLENCE 2013

Vigor2960
Vigor300B
Vigor2925 series
Vigor2860 series

TAIWAN EXCELLENCE 2014

Vigor130
VigorAP 900
Vigor2912 series

TAIWAN EXCELLENCE 2015

Vigor2860LTE
VigorAP 910C

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