

Vigor2130F Series

High Speed Gigabit Router

DrayTek

www.draytek.com

- Provides unprecedented speeds on fiber broadband network
- Support hardware NAT
- Up to 1G downstream/upstream
- Compatible with DOCSIS 3.0
- VoIP facilities for low cost calls (Vn model)
- Easy-to-use firewall and secure VPN



With the development of NGN (Next Generation Network), you may recently hear the news about FTTx deployment in your local area or even have already subscribed the unbundling last mile service from local ITSP for FTTx. As adopting FTTx, the main question for end users is whether your legacy router could fully utilize its bandwidth or not. For example, you purchase a 1G internet connection from your ISP, but your existing router can't support 90 Mbps throughput. That's why DrayTek launches Vigor2130F series – High speed Gigabit router, perfectly complied with Fiber environment including Vigor2130F, Vigor2130Fn and Vigor2130FVn for speed-wanted customers. With high throughput performance and secured broadband connectivity provided by Vigor2130F series, you can simultaneously engage these bandwidth-intensive applications, such as high-definition video streaming, online gaming, and Internet telephony / access.

Triple play for home entertainment and SOHO

The entertainment applications running over the home network infrastructure and home-based productivity for SOHO are growing while the broadband bandwidth is increasingly available within affordable budget along with deployment of FTTx. The gigabit WAN port of Vigor2130F series optimize the throughput performance and flexibility for time-critical console gaming, multimedia streaming and P2P downloading as well as IP telephony. The four Gigabit ethernet (10/100/1000 LAN ports) auto-sensing ports facilitate home networking with width-intensive applications! Through the combination of Gigabit WAN and Gigabit LAN ports to optimize the bandwidth usage, the downstream data and voice packets for Triple play can be flawlessly displayed in endpoint devices, such as HDTV, desktop/laptop or analog/IP phone.

Wireless coverage & security

The Vigor2130Fn router gives you not only the 802.11n Draft-n standards for coverage, but also the time scheduling function to save your energy bill plus reducing the carbon footprint. For wireless security, Vigor2130Fn router is also efficient for wireless network management. For instance, its "Wireless LAN isolation" can easily isolate wireless network for friends or guests. Then, the access rights of various wireless clients can be managed by

"MAC address control" and deployed "WEP/WPA/WPA2" authentication. No need to remember passwords, you simply press "WPS" button on router and then enable users to securely connect laptop or computers to the router!

3.5G USB modem as the backup Internet access

DrayTek understands users want to have Internet access at the moment moving into new premise (e.g. home) and keep online even during the downtime of the fixed broadband line. Therefore, DrayTek lets Vigor2130F series have 2 USB ports to connect USB printer and 3G USB modem as second WAN for back up if the installation of DSL / cable Internet is not ready yet or the fixed broadband line drops. Why not just subscribing 3G USB modem to share broadband Internet for your family or friends?

Note:

DrayTek USB supports HSDPA, UMTS, WCDMA, CDMA2000 and TDS-CDMA.

Cost-effective VoIP

What's further utilization of broadband access for your Vigor2130F router? By making the most of your broadband line, the call will be carried to the destination via Internet so you can save on the telephone bill. Combining the Internet Telephony service from the Internet Telephony Service Provider (ITSP), the Vigor2130FVn charter VoIP calls to be made to any legacy phone numbers, even including mobile and long distance numbers!



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IP Version

- IPv4
- IPv6*

Support Hardware NAT

Switch

- 4 Gigabit LAN Ports
- Port-based VLAN
- Layer-2 (802.1p) QoS
- 802.1q Bridge
- IGMP Snooping
- Bind IP to MAC Address

WAN Protocol

- DHCP Client
- Static IP
- PPPoE
- PPTP
- L2TP

Firewall

- DMZ Host, Open Port, Port-redirection
- ACL (Access Control List)
- MAC Address Filter
- SPI (Stateful Packet Inspection)
- DoS/DDoS Prevention
- IP Address Anti-spoofing
- Web Syslog
- Logging via Syslog
- E-mail Alert*

VPN

- 2 VPN Tunnels
- IPSec LAN to LAN, L2TP over IPSec* and PPTP Remote Dial in
- Encryption: 3DES, AES
- Authentication: MD5, SHA-1
- IKE Authentication: Pre-shared Key
- DPD
- VPN Pass-through
- PPTP MPPE

Network Management

- Web-based User Interface (HTTP/HTTPS)
- Quick Start Wizard
- CLI (Command Line Interface, Telnet/SSH)
- Configuration Backup/Restore
- Built-in Diagnostic Function
- Firmware Upgrade via WUI
- 2-level User Management (admin/user)
- Administration Access Control
- Logging via Syslog
- Management Session Time out
- SNMP Management MIB-II*

File System

- Support FAT32/FAT16 File System
- Support FTP Function for File Sharing
- Support Samba for File Sharing
- BT Client*

Network Feature

- DHCP Server
- Dynamic DNS
- NTP Client
- UPnP
- IGMP Proxy V2
- DNS Cache/Proxy
- Static Routing

Dual-WAN

- 3.5G Backup

Wireless AP

- IEEE802.11n Draft 2.0 Compliant
- 64/128-bit WEP
- WPA/WPA2
- Hidden SSID
- MAC Address Access Control
- WPS
- Wireless Client List*
- WMM (Wi-Fi Multimedia)*

Bandwidth Management

- Layer 2/3 QoS by Ethernet Type, VLAN ID, TCP/UDP Port, DSCP, ToS, Tag Priority
- QCL (QoS Control List)
- Bandwidth/Session Limitation

VoIP

- Protocol: SIP, RTP
- 6 SIP Registrars
- Supplemental Services:
 - Internal Call
 - Call Hold/Retrieve
 - Call Forwarding (Always, Busy)
 - DND (Do Not Disturb)
 - MWI (Message Waiting Indicator) (RFC-3842)
 - Hotline
- Dial Plan:
 - Phone Book
 - Digit Map

Hardware Interface

- 4 Port 10/100/1000Base-Tx LAN Switch, RJ-45
- 1 x WAN, SFP Dual-media Port
- 2 x FXS, RJ-11 (V Model)
- 3 x Detachable Antennas (n Models)
- 2 x USB Host 2.0 (for Printer, File System and 3.5G Backup only)
- 1 x Factory Reset Button
- 1 x Wireless on/off Button (n Models)
- 1 x WPS Button (n Models)

	VoIP	WLAN
Vigor2130FVn	•	•
Vigor2130Fn		•
Vigor2130F		

* Firmware Upgradable

