DrayTek

VigorNIC 132 Series

VDSL2/ADSL2+ PCI-E Card

- Support IPv6 & IPv4 network
- Firewall with URL filtering
- Support Windows8 & Ubuntu
- Multi-PVC for triple-play application
- Built-in VDSL2 modem for easy Internet access
- Dual port for Internet backup

VigorNIC 132 series, as a comprehensive network card, can be installed inside the network server frame. It is designed for the usage of industrial and server field. Unlike using the Ethernet interface, VigorNIC 132 series can be directly connected to the POTS line. It can also be connected to the fiber network with external fiber modules. The back-up function makes sure the immediate recovery of service activated between different lines.

In addition, in response to different network environments and different user needs,

VigorNIC 132 series is not just a network card but also a router with DrayTek owned DrayOS software inside. The built-in DrayOS system allows users to set it to bridge mode or router mode based on different environment. It also provides an object firewall functions. With the high-speed PCI-e bus interface, VigorNIC 132 series can avoid congestion and packet delay. Besides, the PCI-e interface also offers power directly to save the power consideration and has the advantage of lightning or power surges protection. Moreover, the maximum power consumption of VigorNIC 132 series is only 6 watts.

PCI Express Connection

WAN2
RJ-45 (VigorNIC 132) or
SFP (VigorNIC 132F)

WAN1
xDSL

Internet
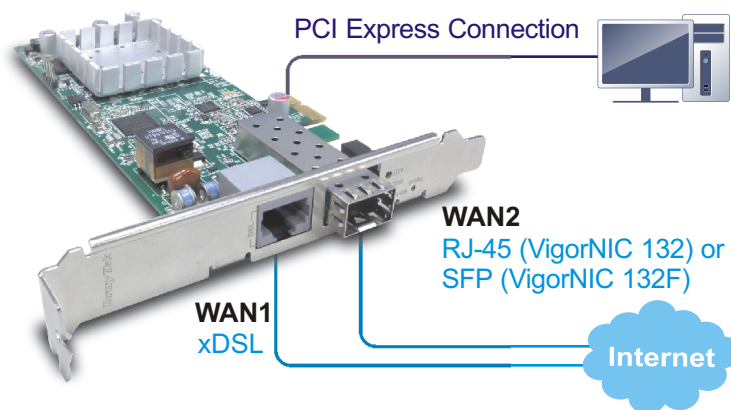
Any WAN can be the primary WAN and the other WAN is backup only.

IP Version

- IPv4
- IPv6
  - Tunnel Mode: TSPC, AICCU, 6in4, 6rd
  - Dual Stack: PPP, DHCPv6 Client, Static IPv6

ADSL / VDSL Compliance

- ITU-T VDSL2 G.993.2
- ITU-T G.vectoring
- Auto Fall back to ADSL2/2+
- VDSL Band Plan: 997, 998
- VDSL2 Profile: 8a, 8b, 8c, 8d, 12a, 12b, 17a, 30a
- Annex A, Annex B, Annex M, Annex J
- ANSI T1.413 Issue2
- ITU-T G.992.1 G.dmt
- ITU-T G.992.3 ADSL2 (G.dmt.bis)
- ITU-T G.992.5 ADSL2+
- Loop diagnostic mode
- Compatible with POTS / PSTN

Content Security Management

- URL Content Filter:
  - URL Keyword Filter (White List and Black List)
  - Java Applet, Cookies, Active X, Compressed, Executable, Multimedia File Blocking

Firewall/NAT

- DMZ Host, Port-redirection and Open Port
- MAC Address Filter
- SPI (Stateful Packet Inspection)
- DoS Prevention
- E-mail Alert and Logging via Syslog
- Time Schedule Control
- VPN Pass-through (IPsec, PPTP, L2TP)

Multiple-PVC/VLAN

- Multiple-PVC : up to 5 PVCs
- Triple-Play Application
- TR-069 Management with dedicated PVC
- Support PVC to PVC binding

WAN Protocol

- DHCP Client
- Static IP
- PPPoE
- PPPoA (ADSL2/2+ only)
- MPoA (RFC1483/2684)
- 802.1q VLAN Tagging

Network Feature

- Router/Bridge Configurable
- IGMP Proxy V2/V3
- DHCP Client/Relay/Server
- UPnP 100 Sessions
- DNS Cache/Proxy
- Dynamic DNS
- NTP Client
- Static Route

Network Management

- Web-based User Interface (HTTP/HTTPs)
- Quick Start Wizard
- CLI (Command Line Interface, Telnet/SSH)
- Administration Access Control
- Configuration Backup/Restore
- Built-in Diagnostic Function
- Firmware Upgrade via TFTP/FTP/WUI/TR-069
- Logging via Syslog
- TR-069 Compliance with VigorACS SI
- SNMP v1/v2c

Hardware Interface

- 1 x VDSL2/ADSL2+ port with RJ-11 for Annex A, or RJ-45 for Annex B (WAN1)
- 1 x SFP Fiber Ethernet (VigorNIC 132F) or Copper Ethernet with RJ-45 (VigorNIC 132) (WAN2)
- 1 x PCI express 1.1 Bus with (x1) Connector
- 1 x Factory Reset Button

Operating System

- Windows : 7 or Above
- Linux : Ubuntu, RedHat (Option)

	Fiber
VigorNIC 132F	●
VigorNIC 132	

Firewall Application of VigorNIC 132 Series

- **Multi-NAT**
- **DMZ Host**
- **Stateful Packet Inspection**

Firewall

ADSL

Internet