# Release Note for Vigor3220 Series

| Firmware Version: | 3.8.7 |
|---|---|
| Release Type: | Normal |
| Applied Models: | Vigor3220/Vigor3220n |

Vigor3220 Series, a broadband router, integrates IP layer QoS, NAT session/bandwidth management to help users control works well with large bandwidth.

By adopting hardware-based VPN platform and hardware encryption of AES/DES/3DES, the router increases the performance of VPN greatly, and offers several protocols (such as IPSec/PPTP/L2TP) with up to **100** VPN tunnels (including 50 SSL VPN tunnels).

# New Features

- Enable IKEv2 support.
- Support VigorACS 2.2.0.
- Support ALG (NAT>>ALG).
- Support BGP.
- Support Airtime Fairness.
- Add a new function, Firewall>> Diagnostics.
- Integrate Hotspot Web Portal authentication mechanism with web page.
- Support to forward packets from WAN to remote VPN network.
- Support 2nd ping IP for WAN connection detection.

# Improvement

- Improved: Support SHA2 VPN Algorithm( for improving Sony Smart Phone IPsec VPN compatible issue)
- Improved: Support large LAN subnet.
- Improved: Support DrayDDNS (Global) (Applications>>Dynamic DNS).
- Improved: VigorP1280 and VigorP1280i can be managed by Switch Management.
- Improved: Default protocol for NAT>>Open Ports and NAT>>Port Redirection has been changed into TCP/UDP.
- Improved: Add a function to backup the configuration onto USB disk automatically at regular intervals (e.g., monthly).
- Improved: Bandwidth Limit Improvement (combining to QoS).
- Improved: Support reset data quota monthly in user management.
- Improved: Increase max. MTU size for LAN ports up to 1500.

- Corrected: Fixed the problem related to configuration restoration.

# Known Issue

- None.