



Celerway Fractus

(CWY-M1.2-E5L1W2)



Industries
SME
Offices
Digital signage
Retail

Software highlights

IPSec and Open VPN
Celerway Phantom VPN
Seamless handover and load balancing
Advanced and holistic quality indicators
Quota management
App-specific load balancing and handover
Linux firewall
Software-defined LAN/WAN ethernet ports
Locking of LTE bands
VMs for VPN termination

Nimbus Management

Cloud: Kubernetes
2-factor authentication
Rest-API for integration
Mass-deployment
Config management
SIM management
Statistics and reports
Alarms and troubleshooting
Support dashboards
Hierarchal and group access
GPS tracking
Live quality status of all interfaces
Secure access to router UI

Celerway Fractus is the perfect match for small businesses with special need for uptime and 4G backup. 1 4G modem, 5 ethernet ports and WiFi provide resilient and high quality broadband.

All Celerway products provide **critical infrastructures with resilient communication and high quality**, designed, developed and supported from Norway. A holistic approach to quality measurements in terms of collecting 50+ physical parameters and running innovative passive and lightweight active measurements ensure optimal and seamless load balancing and failover, also for VPN. The Celerway Phantom gateway ensures seamless user experience also in highly mobile scenarios.

Innovative solutions to **router activation and 2-factor authentication** prevent hijacking of routers and ensure correct and updated firmware, config and user access to routers.

The **Nimbus cloud management** provides easy mass deployment, config management, alarms, statistics, troubleshooting, GPS and real-time quality indicators on all routers and interfaces.

Highlights

- 1 x LTE Modems
- 5GHz + 2.4GHz WiFi (WAN and/or LAN)
- 5 x Ethernet (RJ45) ports (WAN and/or LAN)
- Up to 7 simultaneous WAN connections
- 950 Mbit/s Load Balancing capacity
- 100+ Mbit/s VPN encryption

Interfaces

- 5 x 10/100/1000Mbps RJ-45 ports
- 1 x USB 2.0 ports
- 1 x Mini-PCIe support (with SIM card reader)
- Full size SIM cards

Physical

- Operating temperature from -10 to 50°C
- Humidity: 5-95%
- Dimensions (W x H x D): 255mm x 175mm x 25mm
- Weight: 0.8 kg.
- 3 years hardware warranty

Power

PC plug, 12V, 2.5A

Antenna connectors

- LTE: 2 x SMA female
- WiFi (2.4 GHz): 2 x RP-SMA
- WiFi (5 GHz): 2 x SMA female

