



Celerway Pileus

(CWY-M3.1-E3L2W1)

Software highlights

- IPSec and Open VPN
- Celerway Phantom VPN
- Seamless handover and load balancing
- Optional threat protection and content filtering
- Advanced and holistic quality indicators
- Quota management
- Captive portal
- Smart Queue Management (QoS)
- 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



Industries
SME
Maritime
Construction sites
Office
Retail

Celerway Pileus is the perfect match for small businesses, constructions sites and retails where high speed 4G from multiple modems is required. **Up to 4 x 4G modems**, 3 ethernet ports and WiFi provide resilient and high quality broadband.

Standard Pileus has 2 modems, 3 ethernet ports and WiFi, while a special kit for rack mounting allows for **2x Pileus in one rack enclosure**. These can be connected with an ethernet cable and hence operate as one router with 4 modems.

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.

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

- 2 x LTE Modems
- 5GHz/2.4GHz WiFi (WAN and/or LAN)
- 3 x Ethernet (RJ45) ports (WAN and/or LAN)
- Up to 5 simultaneous WAN connections
- 990 Mbit/s Load Balancing capacity
- 400+ Mbit/s VPN encryption

Interfaces

- 3 x 10/100/1000 Mbps RJ-45 ports
- 2 x USB 2.0 ports
- 2 x Mini-PCIe support (both 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): 210mm x 180mm x 35mm
- Weight: 0.5 kg.
- 3 years hardware warranty

Power

Barrel, 12V, 2A

Antenna connectors

- LTE: 4 x SMA female
- WiFi : 2 x RP-SMA female
- GPS: 1 x SMA female

