



# Celerway Pileus

(CWY-M3.1-E3L2W1)

## 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

Hierarchical 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 require. **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
- 150+ 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

PC plug, 12V, 2A

## Antenna connectors

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

