



# Celerway Arcus

(CWY-M6.3-E3L3W)

## 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

Maritime

Broadcasting

Emergency response vehicles

Busses

**Celerway Arcus** is the perfect match for transportation and broadcasting use cases with special need for ruggedness, extended temperature range and wide range of voltage (incl. ignition delay). Up to 3 modems and 2.4/5GHz WiFi provide resilient and high quality wireless broadband. Standard is 2x CAT12 modems, and extra CAT4, CAT6, CAT11 or LTE450 can be provided in addition. 6 SIM card slots.

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. All Celerway routers can support a wide range of modems, and hence simultaneous support for 2G, 3G, LTE advanced and LTE450 is possible.

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

- Up to 3 x LTE Modems
- 6 SIM card slots
- Dual Band WiFi (WAN and/or LAN)
- GPS
- 3 x Ethernet (M12 X-coded) ports (WAN/LAN)
- PoE out on one M12 port
- Up to 7 simultaneous WAN connections
- 990 Mbit/s Load Balancing capacity
- 800+ Mbit/s VPN encryption

## Interfaces

- 3 x M12 X-coded GBE (also PoE)
- 2 x USB ports
- Various COM ports
- 2 x Mini-PCIe
- 2 x M.2
- 6 full size SIM slots

## Physical

- Operating temperature from -20 to 70°C
- Humidity: 5-95%
- Dimensions (W x H x D): 200mm x 55mm x 280mm
- Weight: 2.2 kg.
- Mounting brackets
- MIL-STD-810G vibration/shock resistance
- E-mark (E13)
- 3 years hardware warranty
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## Power

3-pin terminal block (+, -, ignition), +9~36VDC, ATX mode support ignition delay on/ off control

## Antenna connectors

- LTE: 6 x SMA female
- GPS: 1x SMA female
- WiFi: 3 x RP-SMA female

