



**H A R D W A R E   C W Y - M 5 . 4 - E 1 C 2 W 1 B   .   E A N   7 0 9 0 0 4 9 1 5 0 8 0 7**

Processor	Elkhart Lake / Series X6000e / Intel Pentium and Intel Celeron
Onboard storage	256 GB maximum
Onboard RAM	8 GB maximum
Dimensions w x d x h	151.7 mm x 108.7 mm x 16.95 mm
Weight	Dual modem 375 g Single modem 365 g
Operating temperature	5 °C to 35 °C
Humidity	5 % to 85 %
Power supply	USB-C
Integrated cellular	Up to 2 x 5G, depending on model, X65 Release 16
Modem model	Telit FN990
SIM card slot	Up to 2 x dual nano SIM, depending on model
eSIM support	eUICC with 2FF/3FF/4FF
Ethernet (WAN and/or LAN)	1 x 10/100/1000/2500 Mbps USB-C
Wi-Fi (WAN and/or LAN)	WiFi 6E 2.5 GHz + 5 GHz + 6 GHz DBS
USB connection	1 x USB-C Power-in 1 x USB-C Client-in 1 x USB-C Ethernet-in
Battery adapter	Standard: 47 Wh, approx. 6-hour operating time

**O P T I O N A L   A D D - O N S**

Antenna adapter for cellular	4 x SMA female via external adapter
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## P E R F O R M A N C E

Theoretical DL Rate	5.1 Gbps + 5.1 Gbps, depending on model
Theoretical UL Rate	900 Mbps + 900 Mbps, depending on model
LTE category	DL CAT 20 / UL CAT 18
LTE maximum DL/UL speed	2 Gbps/211 Mbps
Phantom VPN encryption	TBD
IPSec VPN encryption	TBD
WiFi Theoretical Data Rate	3 Gbps
WiFi Protocol	a/b/g/n/ac/ax
WiFi Frequency	2.4 GHz/5 GHz/6 GHz

## S U P P O R T E D   B A N D S

5G FR1 (NSA)	n1/n2/n3/n5/n7/n8/n20/n25/n28/n30/n38/ n40/n41/n48/n66/n71/n75/n77/n78/n79 NSA default off: n12/n13/n14/ n18/n26/n29/n48/n75/n76
5G FR1 (SA)	n1/n2/n3/n5/n7/n8/n20/n25/n28/n30/n38/ n40/n41/n48/n66/n71/n75/n77/n78/n79 SA default off: n12/n13/n14/n18/ n26/n29/n48/n75/n76
5G F1 NR subcarrier spacing	15 kHz (FDD), 30 kHz (TDD)
5G FR1 Max QAM order supported	256 QAM DL/UL
LTE	B1/B2(B25), B3/B4(B66), B26(B5, B18, B19), B7/B8/B12(B17), B13/B14/B20/B28/ B29(DL), B30/32(DL), B34/B38/B39/B40/B41/ B42/B43/B46(LAA), B48(CBRS), B66/B71
WCDMA	B1/B2/B4/B5(B6, B19) B8 for EU and APAC regions only
4 x 4 MIMO DL	5G FR1: n1/n2/n3/n7/n25/n30/n38/n40/ n41/n48/n66/n75/n77/n78/n79 4G: B1/B2/B3/B4/B7/B25/B30/B38/ B39/B40/B41/B42/B43/B48/B66
2 x 2 MIMO UL	5G FR1: n38/n41/n48/n77/n78/n79

## C A R R I E R   A G G R E G A T I O N

FN990A40 CA specification	<a href="https://tinyurl.com/25vtj2hf">https://tinyurl.com/25vtj2hf</a>
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Powered by CelerwayOS, our portfolio of solutions is ideal for large deployments in a multitude of use cases.

## celerwayOS

Our lightweight and robust router software is built on open source and designed with mobile in mind. It continuously monitors traffic and network health against dozens of parameters and performs intelligent routing across multiple simultaneous WANs.

## phantom

A key component of CelerwayOS that enables:

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Dynamic Adaptive VPN load balancing

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Seamless switching between multiple networks

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Uninterrupted high-speed VPN and site-to-site communications

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Ultra-flexible network topologies

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On-premise or cloud-based operation on virtual machines or x86 hardware

## nimbus

Our remote administration system for deploying and managing devices running CelerwayOS:

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User-friendly dashboard and comprehensive live reporting

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Powerful features for mass deployment

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Secure access with 2-factor authentication

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Flexible notification and alerts system

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Timely and worry-free firmware updates

At Celerway, we're on a mission to keep business ahead of the mobile curve.

Founded in Oslo, Norway, Celerway masters the complexity at the Edge, empowering our partners and customers to create and deliver the right Edge products and services at the right time, with the best available connectivity, security, extensibility, and manageability.

The Celerway mobile-first platform enables customers to harness the power of multiple simultaneous wireless and wired connections to take their networks where they want them to be, thus expanding the reach of their SD-WAN or edge and branch networking solutions.

Celerway takes pride in the quality and security of its offerings. The company has been awarded 4 certifications by the International Organization for Standardization: ISO 9001, ISO 14001, ISO 45001, and ISO 27001, with more pending.

