

# STRATUS 5G

Your first choice for  
uninterrupted connectivity



## H A R D W A R E

Maximum load balancing capacity	1 Gbps
Phantom VPN encryption	600 Mbps
IPSec VPN encryption	280 Mbps
Maximum number of simultaneous WANs	8
Dimensions w x h x d	210mm x 43mm x 145mm
Weight	1.08 kg
Operating temperature	-25°C to 70°C
Humidity	5% to 95%
Power supply	9-36V DC
Power consumption	Standard usage 36W (2 x POE 802.at 96W)
PoE .at IN/OUT	WAN/LAN configurable (1 x IN, 2 x OUT)
Integrated cellular	1 x or 2 x 4G/5G, depending on model
Model modem	Quectel RM502-AE
SIM card slot	2 x or 4 x full size dual SIM each modem, depending on model
eSIM support	eUICC with 2FF/3FF/4FF
Ethernet (WAN and/or LAN)	5 x 10/100/1000 Mbps RJ-45
Wi-Fi (WAN and/or LAN)	2.4GHz + 5GHz simultaneous dual-band or 2.4GHz + 5GHz simultaneous dual-band + 2.4/5GHz WiFi, depending on model
USB	1 x USB3.0
M.2	1 x or 2 x, depending on model

ANTENNAS		
	LTE antenna	4 x or 8 x SMA female, depending on model
	WiFi antenna	4 x RP-SMA female
	GPS antenna	1 x SMA female
	Antenna frequencies	C1-0 / C2-0: 1400 -5000 MHz C1-1 / C2-1: 600 – 6000 MHz C1-2 / C2-2: 600 – 5000 MHz C1-3 / C2-3: 1400 – 6000 MHz
RATING & TESTS		
	Rating	E-Mark
	Norway 5G NSA tests	Single modem DN: 805 Mbps, UP: 161 Mbps

**STRATUS 5G SINGLE**

CWY-M5.3-E5C1W2 / EAN 7090049150739

Region	Global
Dual SIM	Yes
<b>THEORETICAL UPLOAD RATES</b>	
5G SA Sub 6 Up	450 Mbps
5G NSA Sub 6 Up	650 Mbps
LTE Up	200 Mbps
WCDMA Up	5.76 Mbps
<b>THEORETICAL DOWNLOAD RATES</b>	
5G SA Sub 6 Sub Down	4200 Mbps
5G NSA Sub 6 Down	5000 Mbps
LTE Down	2000 Mbps
WCDMA Down	42 Mbps
LTE category	DL CAT 20 / UL CAT 18
LTE-FDD	B1/B2/B3/B4/B5/B7/B8/B9/B12/B13/B14/B17/B18/B19 B20/B25/B26/B28/B29/B30/B32/B66/B71
LTE-TDD	B34/B38/39/B40/B41/B42/B43/B48
WCDMA	B1/B2/B3/B4/B5/B6/B8/B19
DL 4 x 4 MIMO	B1/B2/B3/B4/B7/B25/B30/B38/B39/B40/B41/B42/ B43/B48/B66
LAA	B46
5G NR	3GPP Release 15 NSA/SA operation; Sub-6 GHz
5G NSA bands	n1/n2/n3/n5/n7/n8/n12/n20/n25/n28/n38/n40/n41/ n48/n66/n71/n77/n78/n79
5G SA bands	n1/n2/n3/n5/n7/n8/n12/n20/n25/n28/n38/n40/n41/ n48/n66/n71/n77/n78/n79
5G DL 4 x 4 MIMO	n1/n2/n3/n7/n25/n38/n40/n41/n48/n66/n77/n78/n79
5G UL 2 x 2 MIMO	n41
WiFi Theoretical Data Rate	800Mbps + 1.733Gbps
WiFi Protocol	b/g/n + a/ac/b/g/n

STRATUS 5G DUAL

CWY-M5.3-E5C2W2 / EAN 7090049150746

Region	Global + Global
Dual SIM	Yes + Yes
THEORETICAL UPLOAD RATES	
5G SA Sub 6 Up	450 Mbps + 450 Mbps
5G NSA Sub 6 Up	650 Mbps + 650 Mbps
LTE Up	200 Mbps + 200 Mbps
WCDMA Up	5.76 Mbps + 5.76 Mbps
THEORETICAL DOWNLOAD RATES	
5G SA Sub 6 Sub Down	4200 Mbps + 4200 Mbps
5G NSA Sub 6 Down	5000 Mbps + 5000 Mbps
LTE Down	2000 Mbps + 2000 Mbps
WCDMA Down	42 Mbps + 42 Mbps
WiFi Theoretical Data Rate	800Mbps + 1.733Gbps
WiFi Protocol	b/g/n + a/ac/b/g/n + a/ac/b/g/n

**STRATUS 5G DUAL**

CWY-M5.3-E5C2W2 / EAN 7090049150746

LTE category	DL CAT 20 / UL CAT 18 + DL CAT 20 / UL CAT 18
LTE-FDD	B1/B2/B3/B4/B5/B7/B8/B9/B12/B13/B14/B17/B18/B19 B20/B25/B26/B28/B29/B30/B32/B66/B71 + B1/B2/B3/B4/B5/B7/B8/B9/B12/B13/B14/B17/B18/B19 B20/B25/B26/B28/B29/B30/B32/B66/B71
LTE-TDD	B34/B38/39/B40/B41/B42/B43/B48 + B34/B38/39/B40/B41/B42/B43/B48
WCDMA	B1/B2/B3/B4/B5/B6/B8/B19 + B1/B2/B3/B4/B5/B6/B8/B19
DL 4 x 4 MIMO	B1/B2/B3/B4/B7/B25/B30/B38/B39/B40/B41/B42/ B43/B48/B66 + B1/B2/B3/B4/B7/B25/B30/B38/B39/B40/B41/B42/ B43/B48/B66
LAA	B46 + B46
5G NR	3GPP Release 15 NSA/SA operation; Sub-6 GHz + 3GPP Release 15 NSA/SA operation; Sub-6 GHz
5G NSA bands	n1/n2/n3/n5/n7/n8/n12/n20/n25/n28/n38/n40/n41/ n48/n66/n71/n77/n78/n79 + n1/n2/n3/n5/n7/n8/n12/n20/n25/n28/n38/n40/n41/ n48/n66/n71/n77/n78/n79
5G SA bands	n1/n2/n3/n5/n7/n8/n12/n20/n25/n28/n38/n40/n41/ n48/n66/n71/n77/n78/n79 + n1/n2/n3/n5/n7/n8/n12/n20/n25/n28/n38/n40/n41/ n48/n66/n71/n77/n78/n79
5G DL 4 x 4 MIMO	n1/n2/n3/n7/n25/n38/n40/n41/n48/n66/n77/n78/n79 + n1/n2/n3/n7/n25/n38/n40/n41/n48/n66/n77/n78/n79
5G UL 2 x 2 MIMO	n41 + n41

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.

