

STRATUS 5G

Your first choice for
uninterrupted connectivity



HARDWARE

Maximum load balancing capacity	1 Gbps
Phantom VPN encryption	600 Mbps
IPSec VPN encryption	280 Mbps
Maximum number of simultaneous WANs	8
IP Rating	IP21
Dimensions w x h x d	210mm x 43mm x 145mm
Weight	1.08 kg
Operating temperature	-25°C to 60°C
Humidity	0% to 95%
Power supply	9-36V DC
Power consumption	Standard usage 30W (2 x POE 802.af 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
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	2 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
THEORETICAL UPLOAD RATES	
5G SA Sub 6 Up	450 Mbps
5G NSA Sub 6 Up	650 Mbps
LTE Up	200 Mbps
WCDMA Up	5.76 Mbps
THEORETICAL DOWNLOAD RATES	
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:

Dynamic Adaptive VPN load balancing

Seamless switching between multiple networks

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

Ultra-flexible network topologies

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

nimbus

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

User-friendly dashboard and comprehensive live reporting

Powerful features for mass deployment

Secure access with 2-factor authentication

Flexible notification and alerts system

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.

