

EWM-352CQG11

5G NR Redcap+GNSS WWAN module, M.2 3042 B-Key form factor



Features

- Support 5G Sub 6/ LTE frequency
- 5G SA: Max DL 223Mbps, UL 123Mbps
- Support GNSS: GPS/ GLONASS/ Galileo/ Beidou
- Support integrated GNSS L1 + L5
- Operating temperature: -40 ~ 85 °C (-40 ~ 185 °F)

Specifications

Main Chipset	Qualcomm SDX35
Antenna	2 x MHF-4 type Cellular connectors + 1 x MHF-4 type dedicated GNSS antenna connector
Band	5G: n1, n2, n3, n5, n7, n8, n12, n13, n14, n18, n20, n25, n26, n28, n30, n38, n40, n41, n48, n53, n66, n70, n71, n77, n78, n79 - LTE: B1, B2, B3, B4, B5, B7, B8, B12, B13, B14, B17, B18, B19, B20, B25, B26, B28, B30, B34, B38, B39, B40, B41, B42, B43, B48, B66, B71
Data throughput	5G SA: Max DL 223Mbps, UL 123Mbps - LTE Cat.4: Max DL 200Mbps, UL 105Mbps
Interface	USB 2.0/ PCIe Gen2 signal interface
Operation Voltage	3.135V~4.4V (3.3V recommended)
Power Consumption	1400mA
O.S Supported	Windows and Linux
Temperature Ranges	-40°C ~ +85°C / -40°F ~ 185°F (operating and storage)
Dimensions (L x W x H)	30.0 x 42.0 x 2.3 mm / 1.18 x 1.65 x 0.09 in

Ordering Information

Part No.	Product Description
EWM-352CQG11	5G NR Redcap WWAN module, M.2 3042 B-key, for Global

Suggested Antenna and Cable

Model	Part No.	Specifications
AIW-534	1751000512-01	5G-Sub6 Multi-band Dipole Ant, SMA/M, BLK, L134mm
AIW-533	1751000929-01	5G-Sub6 Multi-band Dipole Ant, SMA/M, BLK, L183mm, IP67
AIW-522	1751000941-01	Active GNSS Ant. L1+L2+L5 band, SMA/M, RG174, BLK, L5000mm, Magnetic mount, IP67
	1751000649-01	Coaxial Cable, 10cm, SMA female to IPEX4
	1751000625-01	Coaxial Cable, 15cm, SMA female to IPEX4
	1751000633-01	Coaxial Cable, 20cm, SMA female to IPEX4
	1751000624-01	Coaxial Cable, 25cm, SMA female to IPEX4
	1751000623-01	Coaxial Cable, 30cm, SMA female to IPEX4