

Quectel - EM160R-GL



 Next possible delivery date: May 25, 2024

CHF **164.75**

CHF **152.41** excl.

Quectel EM160R-GL - Wireless cellular modem - 4G LTE Advanced - M.2 Card - 1 Gbps - for (WWAN-ready): ThinkPad P14s Gen 2 20VX, 20VY; P15 Gen 2 20YQ, 20YR; P15s Gen 2 20W6, 20W7; T14 Gen 2 20W0, 20W1; T15 Gen 2 20W4, 20W5

Manufacturer	Lenovo
EAN	0195892020905
Manufacturer#	4XC1D69579

Description

Quectel EM160R-GL is an LTE-A Cat 16 module in an M.2 form factor which is designed to meet the 3GPP Release 14 specification. It supports maximum downlink rates of 1 Gbps and uplink rates of 150 Mbps. EM160R-GL is designed for the global market and covers nearly all the mainstream carriers worldwide. The module supports Qualcomm IZat location technology Gen9 (GPS, GLONASS, BeiDou and Galileo), while integrated GNSS greatly simplifies product design, and provides quicker, more accurate and more dependable positioning capability. A rich set of internet protocols, industry-standard interfaces and abundant functionalities (PCIe interface/USB drivers for Windows, Linux, Android and optional built-in eSIM) allow the module to support a wide range of applications such as industrial routers, home gateways, STB, industrial laptops, consumer laptops, industrial PDAs, rugged tablet PCs, and digital signage.

Specification

Product Description	Quectel EM160R-GL - wireless cellular modem - 4G LTE Advanced
Device Type	Wireless cellular modem - M.2 Card
Form Factor	Internal
Max Transfer Rate	1 Gbps
Mobile Communication Protocol	UMTS, WCDMA, HSPA, HSPA+, DC-HSDPA, LTE Advanced, FDD LTE, TDD LTE
Mobile Band	W-CDMA B1/B2/B5/B8 / LTE B1/B12/B13/B14/B17/B18/B19/B2/B20/B25/B26/B28/B29/B3/B30/B32/B38/B39/B4/B40/B41/B42/B43/B46/B48/B5/B66/B7/B8
Dimensions	4.2 cm x 3 cm x 0.23 cm

(WxDxH)	
Weight	6.8 g
Designed For	(WWAN-ready): ThinkPad P14s Gen 2 20VX, 20VY; P15 Gen 2 20YQ, 20YR; P15s Gen 2 20W6, 20W7; T14 Gen 2 20W0, 20W1; T15 Gen 2 20W4, 20W5

Techn. Details

Device Type	Wireless cellular modem
Form Factor	Internal
Bus	M.2 Card
Connectivity Technology	Wireless
Max Transfer Rate	1 Gbps
Mobile Band	W-CDMA B1/B2/B5/B8 / LTE B1/B12/B13/B14/B17/B18/B19/B2/B20/B25/B26/B28/B29/B3/B30/B32/B38/B39/B4/B40/B41/B42/B43/B46/B48/B5/B66/B7/B8
Mobile Communication Protocol	UMTS, WCDMA, HSPA, HSPA+, DC-HSDPA, LTE Advanced, FDD LTE, TDD LTE
Compliant Standards	WHQL, CCC, FCC, PTCRB, GCF
Width	4.2 cm
Depth	3 cm
Height	0.23 cm
Weight	6.8 g
Min Operating Temperature	-40 °C
Max Operating Temperature	85 °C
Designed For	(WWAN-ready): Lenovo ThinkPad P14s Gen 2 20VX, 20VY Lenovo ThinkPad P15 Gen 2 20YQ, 20YR Lenovo ThinkPad P15s Gen 2 20W6, 20W7 Lenovo ThinkPad T14 Gen 2 20W0, 20W1 Lenovo ThinkPad T15 Gen 2 20W4, 20W5

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