# Darest SHOP

## Quectel - EM120R-GL



❓ Next possible delivery date: May 24, 2024

CHF **137.75**

CHF **127.43** excl.

Quectel EM120R-GL - Wireless cellular modem - 4G LTE Advanced - M.2 Card - 600 Mbps - for (WWAN-ready): ThinkPad L14 Gen 2 20X1, 20X2, 20X5, 20X6; L15 Gen 2 20X3, 20X4, 20X7; P14s Gen 2 20VX, 20VY, 21A0; P15s Gen 2 20W6, 20W7; T14 Gen 2 20W0, 20W1, 20XL; T14s Gen 2 20WM, 20WN; T15 Gen 2 20W4, 20W5; X1 Yoga Gen 6 20XY, 20Y0; X13 Gen 2 20WK, 20WL; X1

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|---|---|
| Manufacturer | Lenovo |
| EAN | 0195892020929 |
| Manufacturer# | 4XC1D51447 |

## Description

EM120R-GL is an LTE-A category 12 module in an M.2 form factor designed in accordance with the 3GPP Release 14 specification which supports maximum downlink rates of 600 Mbps and uplink rates of 150 Mbps. EM120R-GL is designed for the global market and covers nearly all mainstream carriers worldwide. The module supports Qualcomm IZat location technology Gen9 (GPS, GLONASS, BeiDou and Galileo) and 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/built-in eSIM (optional) allow the module to serve a wide range of applications such as industrial routers, home gateways, STB, consumer and industrial laptops, industrial PDAs, rugged tablet PCs, and digital signage.

## Specification

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| Product Description | Quectel EM120R-GL - wireless cellular modem - 4G LTE Advanced |
| Device Type | Wireless cellular modem - M.2 Card |
| Form Factor | Internal |
| Max Transfer Rate | 600 Mbps |
| Mobile Communication Protocol | UMTS, WCDMA, 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 |

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| Dimensions (WxDxH) | 4.2 cm x 3 cm x 0.23 cm |
| Weight | 6.8 g |
| Designed For | (WWAN-ready): ThinkPad L14 Gen 2 20X1, 20X2, 20X5, 20X6; L15 Gen 2 20X3, 20X4, 20X7; P14s Gen 2 20VX, 20VY, 21A0; P15s Gen 2 20W6, 20W7; T14 Gen 2 20W0, 20W1, 20XL; T14s Gen 2 20WM, 20WN; T15 Gen 2 20W4, 20W5; X1 Yoga Gen 6 20XY, 20Y0; X13 Gen 2 20WK, 20WL; X13 Yoga Gen 2 20W8, 20W9 |

## Techn. Details

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|---|---|
| Device Type | Wireless cellular modem |
| Form Factor | Internal |
| Bus | M.2 Card |
| Connectivity Technology | Wireless |
| Max Transfer Rate | 600 Mbps |
| 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+, DC-HSDPA, LTE Advanced, FDD LTE, TDD LTE |
| Features | Dual SIM Single Standby, 1.8/3.0V (U)SIM card support |
| SIM Card Supported | Dual SIM (eSIM+nano-SIM) |
| Compliant Standards | WHQL, JATE, CCC, IC, FCC, ANATEL, TELEC, PTCRB, GCF, KC, SRRC, NCC, RCM, ICASA, NAL, IFETEL |
| Width | 4.2 cm |
| Depth | 3 cm |
| Height | 0.23 cm |
| Weight | 6.8 g |
| Min Operating Temperature | -25 °C |
| Max Operating Temperature | 75 °C |
| Designed For | (WWAN-ready): ¦ Lenovo ThinkPad L14 Gen 2 20X1, 20X2, 20X5, 20X6 ¦ Lenovo ThinkPad L15 Gen 2 20X3, 20X4, 20X7 ¦ Lenovo ThinkPad P14s Gen 2 20VX, 20VY, 21A0 ¦ Lenovo ThinkPad P15s Gen 2 20W6, 20W7 ¦ Lenovo ThinkPad T14 Gen 2 20W0, 20W1, 20XL ¦ Lenovo ThinkPad T14s Gen 2 20WM, 20WN ¦ Lenovo ThinkPad T15 Gen 2 20W4, 20W5 ¦ Lenovo ThinkPad X1 Yoga Gen 6 20XY, 20Y0 ¦ Lenovo ThinkPad X13 Gen 2 20WK, 20WL ¦ Lenovo ThinkPad X13 Yoga Gen 2 20W8, 20W9 |