

# NSIO-LTE-7455

Cat. 6 LTE Embedded Socket Modem



## Key Features

- Standard Mini-PCle interface
- 4G LTE module
- Data rate: Cat. 6 (300 Mb/s DL, 50Mb/s UL)
- Rugged, wide operating temperature, -25°C to 60°C
- Designed for compatible Neosys platforms

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## Introduction

Neosys NSIO-LTE-7455 is a scalable radio module powered by EM7455 LTE solution. It is a certified industrial-grade modem with a small form factor design that offers robust cellular connectivity to M2M devices, industrial-grade computers, and in-vehicle computers. At 5mm thin, its compact design suits applications that are space-limited. Capable of up to Cat. 6 (2CA, 300Mb/s), it is an economical and effective alternative to save on cost and complex certification processes.

## Specifications

Connectivity	4G LTE, HSPA+, UMTS, 4G
Bands	4G LTE: B1, B2, B3, B4, B5, B7, B12, B13, B20, B25, B26, B29, B30, B41 3G: B1, B2, B3, B4, B5, B8
Data Speed	Peak Download Rate: 300Mbps Peak Upload: 50Mbps
Location Service	Satellite Systems: Galileo, GLONASS, GPS, BeiDou
Interface	Mini-PCle (USB2.0 signal), 2FF SIM card socket (internal)
SIM slot	2FF SIM connector
OS support	Windows 7, 8.1, 10 Linux
Control option	APIs, AT commands
Dimension	55.7(L) x 30(W) x 5(H) mm
Operation temperature	-25°C ~ 60°C

- Not sold separately, the NSIO-LTE-7455 must be purchased with a compatible Neosys platform. Please consult your Neosys sales representative for more information.