

Model Information



■ Main Features

- All Regions supported
- LTE Modem with 3G/2G fallback
- For slot Mini PCI Express
- Supports Windows and Linux
- Dual antenna MIMO operation
- One LTE antenna included
- GPS / GLONASS support, active/passive antenna
- Supports Baltos Embedded Systems
- Supports NetCom Plus servers
- Supports Routers

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VS-7600 4G World

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■ More Pictures



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■ Overview

The VS-7600 4G card enables systems to use mobile communication functions. The card comes in PCI Express Mini card form factor to install in an internal slot for a mobile Modem card. The connection to SIM card is via the Mini PCI Express slot in the system. Driver support is given for Windows OS (7 and later) and Linux as well.

Worldwide Use

The LTE function supports the regions Europe, North America, South America, Asia, Australia, Africa and APAC. So barring rare exceptions the systems with this card installed will have High Speed mobile communication all over the world.

Operation with VScom Products

This card has been selected to support the systems [Baltos iR 5221](#) and [iR 3220](#), as well as the [NetCom Plus devices](#) with four and eight/sixteen serial ports. The firmware in NetCom Plus servers and the Linux starter kits in Baltos already support this add-on card. The same applies to the devices derived from Baltos systems, mainly the [VPN Routers](#) and the [viaVPN Routers](#). Of course it will operate in many Industrial PC as well.

Additional functions

The card supports two antenna for LTE to be used in MIMO operation for increase of bandwidth and signal strength.

It also provides location services via GPS, GLONASS and Beidou systems. The separate socket supports passive and active antenna for GPS.

■ Mobile Functions

LTE Regions

Europe, North America, South America, Asia, Australia, Africa and APAC

LTE Technology

LTE MIMO support

LTE - Cat 4
via double antenna
Active and passive Antenna support

GPS / GNSS

- GPS
- GLONASS
- BeiDou

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■ **USB Interface**

USB-Input

USB 2.0 High Speed on mPCIe slot

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■ **Software**

Drivers

- Windows 7 to Windows 10 (x86 and x64)
- Linux

Built-in support

The LTE card is supported in

- Baltos Systems Starter Kit
- Baltos Systems OpenWrt
- NetCom Plus firmware

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■ **Power Requirement**

Input Voltage

3.3V (mPCIe)

Power Consumption

200mA 0.6W

Weight

25g

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■ **Environmental Data**

Operating Temp

-25°C – 75°C

Storage Temp

-40°C – 85°C

Ambient Humidity

5-95% non condensing

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■ **Standards and Certifications**

Declarations

CE, FCC

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■ **Warranty**

Warranty Period

2 years

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■ **Ordering Information**

3318

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■ **Packaging**

Packing list

- VS-7600 4G World PCI Express Mini Card
- 1 × IPEX cable with socket
- 1 × LTE antenna

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