

UD668

High-Speed 4G LTE Dongle

1. PRODUCT OVERVIEW

The UD668 is a high-performance 4G LTE USB dongle designed to provide reliable, high-speed internet connectivity for Windows and Chrome OS devices. Powered by the Qualcomm MDM9X07 chipset, it supports major North American carriers including Verizon, AT&T, and T-Mobile.

2. TECHNICAL SPECIFICATIONS

Chipset	Qualcomm MDM9X07
Cellular Network	4G LTE
Supported Carriers	Verizon / AT&T / T-Mobile
LTE Bands	B2, B4, B5, B12, B13, B66, B71
Data Rates	Downlink: 150Mbps (Cat4) / Uplink: 50Mbps (Cat4)
Interface	USB / Type-C
SIM Card Slot	1* Nano SIM slot (Note: Not Hot-plug)
Antennas	2* Detachable External LTE Antennas
Max Transmitting Power	LTE: 22.5dBm
Power Supply	5V DC
Operating System	Windows 10/11 & Chrome OS

3. SETUP GUIDE

1. **SIM Card Installation:** Insert a valid **Nano SIM** card into the slot.
IMPORTANT: This device does NOT support hot-plugging. Ensure the device is unplugged before inserting or removing the SIM card.
2. **Antenna Attachment:** Screw the two detachable LTE antennas onto the gold-plated connectors on the side of the dongle.
3. **Connection:** Plug the device into a USB or Type-C port on your laptop or computer.
4. **Initialization:** Wait for the LED indicators (POWER and WAN) to stabilize, indicating a successful network connection.

4. LED INDICATOR STATUS

- **POWER:** Indicates the device is receiving 5V power.
- **WAN:** Indicates cellular network connectivity and data activity.

5. ENVIRONMENTAL SPECIFICATIONS

Normal Operating Temp.	-10°C to 55°C
Extended Operating Temp.	-30°C to 70°C
Storage Temperature	-40°C to 85°C

Federal Communication Commission Interference Statement

FCC ID: 2BNQ8-UD668

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

Radiation Exposure Statement:

This device meets the government's requirements for exposure to radio waves. This device is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government.

The exposure standard for wireless device employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6W/kg. Tests for SAR are conducted using standard operating positions (5mm) accepted by the FCC with the device transmitting at its highest certified power level in all tested frequency bands.