

# Network Tester 2 PRO

TECHNICAL DATA SHEET

**ENQT**  
EXPERTS IN NETWORK  
QUALITY TESTING



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our products?

 +49 40 35 73 20 65

 [vertrieb@enqt.de](mailto:vertrieb@enqt.de)

## Description:

The **Network Tester 2 PRO** is a professional measuring device for the comprehensive analysis and evaluation of mobile and wireless networks. It supports all mobile radio standards currently in use: 2G, 3G, 4G and 5G, including 5G nSA and 5G SA, as well as LTE Cat. M1, NB-IoT 1/2 is the ideal solution for classic mobile radio applications, as well as for IoT and M2M communication. The Network Tester 2 PRO comes ex works with functions for measuring Wi-Fi (2.4 and 5 GHz) as well as Bluetooth and Bluetooth Low Energy (BLE). This means that wireless networks of many kinds can be reliably tested and evaluated with just one device.

The device precisely records key network parameters, including signal strength, connection quality, and network availability. Our hardware and software are robust and intelligent. They ensure consistent and reliable measurement results, even under difficult conditions. The user-friendly interface makes evaluation and documentation easier than ever. The Network Tester 2 PRO is an indispensable tool for testing, installing, and optimizing complex communication solutions.

## Technical details:

|  |  |
|--|--|
| <b>Technology</b>                        | 5G SA, 5G nSA, 4G/LTE, NB-IoT 1/2, LTE Cat. M1, 3G/UMTS, 2G/GSM<br>WLAN: 2.4 GHz IEEE 802.11b/g/n (Wi-Fi 4), 5 GHz IEEE 802.11a/n/ac (Wi-Fi 5)<br>Bluetooth 5.0, BLE   |
| <b>Frequency Bands Cellular Networks</b> | <p>5GnSA/SA:<br/>n1 / n2 / n3 / n5 / n7 / n8 / n12 / n13 / n14 / n18 / n20 / n25 / n26 / n28 / n29 / n30 / n38 / n40 / n41 / n48 / n66 / n70 / n71 / n75 / n76 / n77 / n78 / n79</p> <p>4G/LTEFDD:<br/>B1 / B2 / B3 / B4 / B5 / B7 / B8 / B12 / B13 / B14 / B17 / B18 / B19 / B20 / B25 / B26 / B28 / B29 / B30 / B32 / B66 / B71</p> <p>4G/LTETDD:<br/>B34 / B38 / B39 / B40 / B41 / B42 / B43 / B48 / LAA: B46</p> <p>NB-IoT1/2:<br/>B1 / B2 / B3 / B4 / B5 / B8 / B12 / B13 / B18 / B19 / B20 / B25 / B28 / B66 / B71 / B85</p> <p>LTECat.M1:<br/>B1 / B2 / B3 / B4 / B5 / B8 / B12 / B13 / B18 / B19 / B20 / B25 / B26 / B27 / B28 / B66 / B85</p> <p>3G/UMTS: B1 / B2 / B4 / B5 / B8 / B19</p> <p>2G/GSM: 850 / 900 / 1800 / 1900 MHz</p> |
| <b>SIM card</b>                          | <p>- built-in SIM card for public 2G, 3G, 4G and 5G nSA networks (supports German networks Telekom, Vodafone and Telefónica as well as other European networks, as well as more than 60 IoT networks worldwide)</p> <p>- Additional external SIM card slot for up to 2 own SIM cards in nano format (4FF)</p>  |

**Features Cellular Networks<sup>1</sup>**

- Active test of usable cellular networks
- Continuous live measurement of a selected cellular network
- Display of signal level/signal quality (RSRP/RSSI/RSRQ in dBm/dB)
- Measurement of latency/RTT (ms)
- Measurement throughput (bit/s)
- Display of technical network parameters (e.g. cell ID)
- Configurable restriction of network technologies and frequency bands
- Display of usable mobile networks separately for each frequency band
- Creation of configuration profiles

**Features WLAN**

- Scan function that displays all receivable WLAN access points
- Display of network name (SSID), BSSID, channel used, signal level and configuration details such as encryption and authentication methods

**Features Bluetooth**

- Scan function that displays all Bluetooth and BLE devices.
- Displays device addresses, signal levels, and device-specific features (if supported by the Bluetooth device).

**Measurement data export<sup>1</sup>**

- Local CSV export via built-in WiFi hotspot
- Automatic upload to TMate portal

**Antenna connectors**

5× SMA

**Display**

3.5" TFT color touch screen (45 mm × 75 mm, 480 × 800 pixel)

**Internal Battery**

Li-Ion, 3,500 mAh, up to 8 hours battery life

**Charging port**

USB C, 5V (DCP)  
USB-PD supported (up to 20V, up to 2A)

**Conformity**

CE, ROHS, WEEE

**Dimensions**

170 x 96 x 35 mm

**Weight**

450 g

**Country of origin**

Germany

**HS Code**

90304000

**Part number**

696 (without service agreement)  
697 (with service agreement „plus“)  
698 (with service agreement „max“)

**Notes:**

- <sup>1</sup> The available funktion may vary depending on selected service contract.
- The values stated under 'Dimensions' refer to the main device without antennas.

## Scope of delivery:

- > Netztester 2 PRO
- > 5 connector mount antennas
- > Protective carrying case
- > Power supply unit
- > USB-C cable
- > SMA-FAKRA adapter
- > Stylus (Touch pen)
- > SIM tool