

# RUGGTEK

RUGGED MOBILE COMPUTER



- ✓ Display 13.3 inch
- ✓ 8GB Ram, 256GB Storage
- ✓ Rugged and Shockproof
- ✓ Support and Repair Service
- ✓ Linux Ubuntu LTS
- ✓ European Warranty

## RTL 413

13-inch Linux tablet  
for embedded applications

[www.ruggtek.com](http://www.ruggtek.com)

|                      |  |  |
|----------------------|--|--|
| Operating System     | Linux Ubuntu 22.04 LTS   |  |
| Computing Platform   | Intel N5100  | 4 Cores, up to 2.80GHz   |
| System Memory        | 8GB  |  |
| Storage              | 256GB  |  |
| Graphic Chip         | Intel UHD Graphics   | 4K support, Dual display support   |
| Display              | 13.3 inch  | 500nits brightness<br>on request Sunlight-viewable, 1000nits brightness *      |
| Resolution           | 1920 x 1080  | 2K resolution display<br>Portrait or Landscape orientation by software         |
| Touchscreen          | Capacitive   | Multi-touch by finger and pen  |
| Ethernet LAN         | Gigabit Ethernet 1000Mbit/s  |  |
| Wireless LAN         | IEEE 802.11ac compatible   | 2.4GHz and 5.0GHz, Dual Band support   |
| Bluetooth            | Bluetooth 5.0 wireless technology  | Class 2  |
| Mobile Broadband     | 4G LTE   | Data   |
| Location             | n/a  |  |
| Audio                | Speaker and Headphone  |  |
| Camera               | n/a  |  |
| Keyboard             | Power button, Volume control, and 3 buttons (connect to expansion modules)   |  |
| Interfaces           | USB 3.0 port   | x2 Type-A  |
|                      | RJ45 ethernet port   | x1   |
|                      | HDMI   | x1   |
|                      | SIM Card Slot  | x1   |
|                      | Headphone  | x1 Line Out 3.5mm  |
|                      | Charging - DC In power   | x1 by Jack   |
|                      | Docking connector  | x1   |
| Optional Expansion * | Built-in Barcode scanner   | 1D and 2D barcode support  |
|                      | Built-in HF RFID   | NFC reader ISO 14443-A/B, Mifare Classic                                       |
|                      | Serial RS-232 or custom-made port (#)  | x1 Type M12 connector  |
| Power                | Lithium-ion battery  | 8000mAh, ample power for a full shift<br>Rechargeable and end-user replaceable |
|                      | AC/DC Power Adapter  | Input: 100-240VAC, 50/60Hz, Output: 12VDC                                      |
| Dimensions           | Width 330mm, Height 205mm, Depth 19.5mm  |  |
| Weight               | approx.1450g   |  |
| Environment          | Operating Temperature  | -20 °C to 60 °C in accordance with MIL-STD-810G                                |
|                      | Shock Temperature  | in accordance with MIL-STD-810G  |
|                      | Drop Resistant   | 1.22m  |
|                      | Dust and Water Resistance  | IP65   |
|                      | Vibration and Shock  | in accordance with MIL-STD-810G  |
| Regulatory           | CE, CCC, WEEE, RoHS, REACH   |  |
| Ordering Code        | TPC-RTL00413-0   | 8GB RAM, 256GB SSD, OS Linux   |
| Included in the box  | Carry Handle, Hand holder, Power Supply, User Guide, Warranty document.  |  |
| Accessories *        | Screen Protector, Pen, Spare Battery, Shoulder strap, Cigarette lighter, Bluetooth Keyboard, Office Cradle with Battery Charger, Back strap, Anti-theft cable. |  |
| Services *           | Ruggtek Warranty, product guarantee up to 3 years.   |  |
|                      | Ruggtek Easy-Care, customer service agreements with accidental damage cover.   |  |

(\*) Optional

(#) Non-Standard Part, assembly by request. A minimum order quantity (MOQ) is required.

Specifications given herein may be changed at any time without any notice.

The device is tested according to regulations by an independent third-party lab.

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