



709.00 EUR  
incl. 19% VAT, plus [shipping](#)

- android
- RFID (NFC) !
- GPS ! Bluetooth ! WiFi !
- Cradle included !

Support:  [Specifications](#) |  [Quick Start Guide](#) |  [Pinout](#) |  [Manual](#)

- Preinstalled Android 12
- Octacore CPU with 2,0 GHz, 4GB RAM and 32GB eMMC
- Wireless WiFi, BT, 2G/3G/4G Network, DockingStation with RJ45 LAN Port
- Powerfull 7600mAh Batterie
- Operating Temperature: -10°C - 60°C

- 16MB Autofocus Camera, 8.0MP Frontcamera

The mobile terminal is designed for Mobile Workers, even in Extreme Conditions. Be adopted by field service provider, SaaS vendor and solution provider, warehouse operator, construction contractor, use for industrial applications.

Truck driver use it for navigation, routing, dispatching, e-signatures, proof-of-delivery, order management, vehicle maintenance, fuel consumption management, logbook, and fleet operators use it for ELD and extend digital workflow to mobile vehicles, improving productivity.

CTFPND-12 is a high performance tablet terminal with 10" display, IP67 rated. Equipped with octa core processor, advanced GPS chipset, 4G/3G/WLAN module, with RFID, Bluetooth, camera and support hardware customization.

If you have a project with serious size and are able to sign a NDA we can provide Android-OS-system builder kit for this device which enables you to create your own Android OS image (eg. own boot logo, own preinstalled apps and settings, etc...) !

#### PHYSICAL CHARACTERISTICS

|                |   |
|----------------|---|
| Dimension      | 260 x 174 x 17mm, 930g  |
| Display        | 10inch, IPS panel (1920 x 1200 pixel) / LED Backlight<br>Capacitive multi-touch / Glove, Wet, Stylus  |
| Power          | Rechargeable Lit hium-ion Battery 3.85V 7600mAh   |
| Expansion Slot | User accessible micro SD card slot<br>(standard supports up to 512G B)  |
| SIM            | 2 x Nano-SIM  |
| Interface      | Docking Connector (18-pin)<br>1xUSB Type C 2.0 OTG<br>1x3.5mm Audio Headphone Jack<br>2xUSB Type A 2.0 OTG on the cradle<br>1xRJ45 Connector on the cradle<br>1xType C on the cradle for power supply |
| Notification   | Audible tone, Charging Status LED   |
| Voice / Audio  | Speaker, Microphone , headphone   |
| Keypad         | On-screen keypad  |

#### PERFORMANCE CHARACTERISTICS

|        |   |
|--------|---|
| CPU    | 2.0GHz Octa Core Processor                    |
| OS     | Android 12 with GMS or without GMS (Optional) |
| Memory | 4GB LPDDR4X<br>32GB eMMC                      |

#### WIRELESS WAN DATA AND VOICE COMMUNICATION

|                 |   |
|-----------------|---|
| Radio Frequency | GSM: 850/900/1800/1900MHz<br>WCDMA: B1/B2/B4/B5/B8<br>LTE FDD: B1/B2/B3/B4/B5/B7/B8/B12/B17/B20/B28<br>LTD TDD: B38/B40/B41 |
| GPS             | GPS, GLONASS, GALILEO   |

#### WIRELESS LAN / LAN

|                |  |
|----------------|--|
| Radio          | 802.11 a/b/g/n/ac; 802.11 d/e/ h/i/j/k/r/v/w                               |
| Data Rate      | 5GHz: 802.11a/n/ac - up to 500 Mbps<br>2.4GHz: 802.11b/g/n — up to 144Mbps |
| Security       | WFA WPA/WPA2 Personal, AES-CCMP,   |
| Encryption and | WPI-SMS4, GCMP, WPS2.0, WAPI (hardware)                                    |
| Bluetooth      | v2.1+EDR, 3.0+HS, v4.1+HS  |

|                               |  |
|-------------------------------|--|
| Ethernet                      | Support w/Cradle   |
| <b>DATA CAPTURE / SENSOR</b>  |  |
| Camera                        | Rear camera 16MP AF<br>Front camera 8.0MP  |
| NFC                           | Supported TAG-ICs:<br>MIFARE Classic 1k/4k/Plus, MIFARE UltraLight<br>MIFARE UltraLight C, MIFARE DESFire<br>MIFARE DESFire Ev1, ISO 14443 A & B<br>ISO 15693  |
| Serial Communication          | 2 x RS232  |
| Optional                      | Scanner (1D&2D Imagers)<br>Video Input (1 Channel with Cradle / 4 Channel with Camera Hub)   |
| Light Sensor                  | Ambient Light  |
| Motion Sensor                 | Accelerometer, E-Compass, Gyroscope  |
| <b>USER ENVIRONMENT</b>       |  |
| Temperatures                  | Operating: -10°C to 60°C / -14° F to 140° F<br>Storage: -20°C to 70°C / -4°C to 158°C  |
| Humidity                      | 90% non-condensing   |
| Drop Spec.                    | 1.2m / 4 ft. to drop per MIL STD 810G  |
| Sealing                       | IP67   |
| Certifications                | CE, FCC, E-Mark  |
| Electrostatic Discharge (ESD) | +/-8kVdc air discharge<br>+/-4kVdc direct discharge<br>+/-4kVdc indirect discharge   |
| <b>Accessories</b>            |  |
| Scope of Supply               | <ol style="list-style-type: none"> <li>1. Vehicle cradle or desktop dock station</li> <li>2. Tool for removing Nano SIM</li> <li>3. Cable used for vehicle cradle, it can connect to cradle bottom side</li> <li>4. tape for cradle back connector if not used</li> <li>5. High power car charger (connected to back type C connector)</li> <li>6. High power home adapter (the tablet may not able to charge if only use standard 5V, 2A adapter)</li> <li>7. Type C cable for home adapter</li> <li>8. cradle extension cable (connected to new cable for power supply)</li> </ol> |