



## NFT10 Pilot Pro mobile computers

## Features

### Comprehensive data capture.

The NFT10 Pilot Pro can be integrated with a variety of data capture options including Mega Pixel 1D/2D barcode scanning, NFC RFID reading, fingerprint recognition and GPS/Beidou/GLONASS.

### Versatile connectivity.

With dual band 802.11 a/b/g/n/ac WiFi and 4G/3G/2G support, the NFT10 Pilot Pro keeps you connected. Further optimizing this, the dual SIM option allows you to use the most suitable provider no matter where you are. It's a match for any leading consumer-brand mobile phone experience.

### Powerful performance.

The Android 9.0 operating system helps you get more from your mobile computer. It's intuitive, fast and tailored to you and your choice of software, applications and operational use. A 2.0GHz octa-core processor keeps you running even smoother.

### Long Lasting Battery.

The NFT10 Pilot Pro is equipped with a 4800mAh battery. Supplemented by a low-power design, the usage time is significant. The device is so power-efficient that you won't need to change the battery to operate well beyond a standard shift. To top it off, it supports fast-charging via its Type-C port.

### Android Enterprise Recommended.

The Pilot Pro is the first Newland unit to be Android Enterprise recommended. Additionally, GMS services are included.

### Rugged durability.

The NFT10 Pilot Pro's rugged housing is sealed to IP67 standards for protection against dust and water. It was built to reliably withstand 1.5m drops to concrete.

### Biometric Security.

The NFT10 Pilot Pro has fingerprint biometrics for extra security and a faster login. Positioned on the back of the device, the device can be comfortably unlocked with one hand without having to press the front of the screen.



## Application Scenarios



# NFT10 Pilot Pro technical specifications

|                   |                                 |                                                                                                                                                                                                                                                                          |
|-------------------|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Performance       | Operating System                | Android 9.0                                                                                                                                                                                                                                                              |
|                   | Processor                       | 2.0 GHz octa-core 64-bit                                                                                                                                                                                                                                                 |
|                   | Memory RAM                      | 4GB                                                                                                                                                                                                                                                                      |
|                   | Memory Flash                    | 64GB                                                                                                                                                                                                                                                                     |
|                   | Memory Storage Expansion (Max.) | TF card (max 128GB) slot                                                                                                                                                                                                                                                 |
|                   | Field of View Vertical          | 28°                                                                                                                                                                                                                                                                      |
| Data capture      | 1D                              | Code128, UCC/EAN-128, AIM-128, EAN-8, JAN-8, EAN-13, ISBN/ISSN, UPC-E, UPC-A, Interleaved 2/5, ITF-6, ITF-14, Deutsche 14, Deutsche 12, COOP 25, Matrix2/5, Industrial 2/5, Standard 25, Code 39, Codabar/NW7, Code 93, Code 11, Plessey, MSI/Plessey, GS1 Databar, etc. |
|                   | 2D                              | PDF417, QR Code, Data Matrix, Chinese Sensible Code, Aztec, etc.                                                                                                                                                                                                         |
| Physical          | Dimensions (mm)                 | 157 x 76.3 x 12.6mm                                                                                                                                                                                                                                                      |
|                   | Weight                          | 231g (including battery)                                                                                                                                                                                                                                                 |
|                   | Display                         | 5.7" (1440x720) 18:9                                                                                                                                                                                                                                                     |
|                   | Touch panel                     | multi-point capacitive touch screen                                                                                                                                                                                                                                      |
|                   | Keypad                          | 5 keys (side keys included)                                                                                                                                                                                                                                              |
|                   | Interfaces                      | Type-C 2.0 OTG, support Type-C Earphone                                                                                                                                                                                                                                  |
|                   | Battery Type                    | 4.35V, 4800 mAh                                                                                                                                                                                                                                                          |
|                   | Notifications                   | Vibrator, speaker and multi-color LEDs                                                                                                                                                                                                                                   |
|                   | Power Supply Input              | AC110 ~ 220V, 50~60Hz                                                                                                                                                                                                                                                    |
|                   | Power Supply Output             | DC5V/9V, 1.67A                                                                                                                                                                                                                                                           |
|                   | Sensors                         | Light & Proximity sensor, accelerometer sensor, magnetic sensor                                                                                                                                                                                                          |
|                   | Audio Jack                      | Type-C earphone via Type-C USB Port                                                                                                                                                                                                                                      |
|                   | Expansion Slot                  | TF card (max. 128GB) slot; Nano+Nano or Nano+TF                                                                                                                                                                                                                          |
|                   | Camera                          | Front Camera: 2 megapixels, fixed focus; Rear camera: 13 megapixels, auto focus, with LED flashlight                                                                                                                                                                     |
| Environmental     | Operating Temperature           | -20°C to 50°C (-4°F to 122°F)                                                                                                                                                                                                                                            |
|                   | Storage Temperature             | -30°C to 60°C (-22°F to 140°F)                                                                                                                                                                                                                                           |
|                   | Humidity                        | 5% to 95% (non-condensing)                                                                                                                                                                                                                                               |
|                   | Electro Static Discharge (ESD)  | ±12kV (air discharge); ±8kV (direct discharge)                                                                                                                                                                                                                           |
|                   | Drop                            | 1.5m drops to concrete (BG/T 2423.8-1995 PART2)                                                                                                                                                                                                                          |
|                   | Sealing                         | IP67                                                                                                                                                                                                                                                                     |
| Wireless          | WWAN Radio                      | 2G: GSM/GPRS/EDGE (850/900/1800/1900MHz); 3G: WCDMA (B1, B2, B5, B8); CDMA 1X/EV-DO (BC0); TD-SCDMA(B34, Band39); 4G: TD-LTE (B34, B38, B39, B40, B41); FDD-LTE (B1,B2,B3,B5,B7,B8,B20,B28)                                                                              |
|                   | WLAN Radio                      | IEEE 802.11 a/b/g/n/ac, 2.4GHz and 5GHz                                                                                                                                                                                                                                  |
|                   | WPAN Radio                      | Bluetooth 5.0                                                                                                                                                                                                                                                            |
|                   | RFID                            | ISO14443A/B, ISO15693, ISO18000-3, MIFARE, FelICa RF, Kovio, NFC Forum Type 1-4 Tags                                                                                                                                                                                     |
|                   | GPS                             | GPS, Beidou, GLONASS                                                                                                                                                                                                                                                     |
| Accessories       | Optional                        | AC adapter, cable, charging cradle, 4-slot charger, etc.                                                                                                                                                                                                                 |
| Device Management | Software                        | Ndevor by Newland (MDM)                                                                                                                                                                                                                                                  |
| Warranty          | Warranty                        | 2 years                                                                                                                                                                                                                                                                  |