



# P12 Industrial Tablet

## Qualcomm Snapdragon flagship octa-core CPU for enhanced performance

This device is equipped with a Qualcomm Snapdragon flagship octa-core CPU, utilizing advanced manufacturing processes and the ARM Cortex-A series architecture. This delivers advanced features and excellent performance, along with low power consumption, allowing it to run a wide range of applications smoothly.

## Extremely rugged 10.1-inch screen for enhanced durability

The device utilizes Corning Gorilla Glass 3, a secondary tempered glass, providing enhanced screen hardness, drop resistance, and scratch resistance.

## Large-capacity battery for longer battery life

The device boasts a built-in 10,000mAh battery, providing over 12 hours of continuous operation, ensuring maximum battery life for extended outdoor use.

## Diverse Data Collection Functions and Strong Protection

The device can flexibly integrate RFID, barcode scanning, fingerprint recognition, ID card reader, facial recognition, NFC, and PSAM, effectively meeting the needs of diverse application scenarios. It also meets IP65 protection standards, providing complete protection against dust intrusion and splash resistance, meeting indoor and outdoor waterproof requirements.

## Application



Mobile attendance



Mobile inspection



Forklift management



Campus management



Equipment Operation management

## Product parameters

### Basic Parameter

|                |                                         |
|----------------|-----------------------------------------|
| Overall size   | 298 × 188 × 21 ± 2mm                    |
| Overall weight | 1041g                                   |
| Display sereen | Tough 10.1 in.FHD 1920*1200             |
| Touch screen   | Support capacitive pen multi-touch      |
| Expansion slot | 1 sim slot, 1 TF slot, 2 PSAM           |
| Interface      | Type-c data interface                   |
| Indicator lamp | Charge indicator lamp                   |
| Keyboard       | 3 custom keys                           |
| Camera         | Front camera 5MP<br>Rear camera 13 MP   |
| Flashlight     | Low power LED lighting emergency use    |
| GPS            | GPS(embedded A-GPS)<br>accuracy of 10 m |

### Performance Parameter

|                    |                                                                                                                                                   |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| CPU                | Qualcomm Octa-core , 2.0GHz                                                                                                                       |
| Storage            | RAM:6GB ROM:128GB                                                                                                                                 |
| Extended           | Support MicroS ( max 128GB expansion )                                                                                                            |
| OS                 | Android 14                                                                                                                                        |
| Data Communication | 2G:GSM/GPRS/EDEG (GSM850/900/1800/1900)<br>3G:WCDMA(B1/B2/B4/B5/B8)<br>4G:LTE-FDD:B1/B2/B3/B4/B5/B7/B8/B12/B17/B20<br>LTE-TDD:B34/B38/B39/B40/41F |
| WIFI               | 2.4G/5G dual band.Comp;iance with IEEE802.11a/b/g/n/ac                                                                                            |
| Bluetooth          | Bluetooth 5                                                                                                                                       |

### Working Environment

|                |                           |
|----------------|---------------------------|
| Operating Temp | -20℃~50℃                  |
| Storage Temp   | -20℃~70℃                  |
| Humidity       | 5%~95% (non-condensation) |
| IP rate        | IP65                      |

### Battery Performance

|                  |                                              |
|------------------|----------------------------------------------|
| Battery capacity | 10000mAh                                     |
| Standby time     | About 720 hours after turn off all functions |
| Charging time    | Less than 8 hours                            |
| Working hours    | More than 16 hours (once full charge)        |

### Barcode Acquisition(optional)

|                          |                                                                                                                                                                                                    |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Scan engine              | 2D barcode Scanner                                                                                                                                                                                 |
| Supports 2D barcodetypes | All major 1D barcode                                                                                                                                                                               |
|                          | PDF417, MicroPDF417, Composite, RSS, TLC-39, Datamatrix, QR code, Micro QR code, Aztec, MaxiCode, Postal Codes,US PostNet, US Planet, UK Postal, Australian Postal,Japan Postal, Dutch Postal etc. |

### RFID (optional)

|             |                                                     |
|-------------|-----------------------------------------------------|
| RFID HF/NFC | Frequency 13.56MHz                                  |
|             | Protocol ISO14443A/B ISO15693, NFC-IP1,NFC-IP2,etc. |
|             | R/w Range 0cm to 3cm                                |
| RFID UHF    | Frequency 865~868MHz or 920~925MHz                  |
|             | Protocol EPC C1 GEN2/ISO 18000-6C                   |
|             | R/w Range 20m(tags and environment dependent)       |

### Fingerprint reader (optional)

|             |                         |
|-------------|-------------------------|
| Sensor      | TCS1                    |
| Sensor type | Capacitive,area sensor. |
| Resolution  | 500 DPI.                |
| Performance | FRR<0.008%, FAR<0.005%  |
| Capacity    | 1000                    |

### Psam (optional)

|          |                                                |
|----------|------------------------------------------------|
| Protocol | ISO7816                                        |
| Baudrate | 9600, 19200, 38400,43000, 56000,57600, 115200l |
| Slot     | 2 card slots(maximum)                          |

### Attachment

|          |                                                               |
|----------|---------------------------------------------------------------|
| Standard | 1 lithium battery, 1 power adapter<br>1 Type-c charging cable |
|----------|---------------------------------------------------------------|