# JEPOWER HT380K OCTA-CORE ANDROID INDUSTRIAL PDA HANDHELD TERMINAL

# Product Overview

HT380K is the first Octa-Core intelligent handheld data terminal released by Jepower Technology. As a new generation flagship product, HT380K adopts industrial leading Octa-Core 1.8GHz CPU and deeply optimized system based on Android 6.0, which makes it a highly competitive start product among its competitors.

Due to the top hardware configuration, high performance and industrial grade quality, HT380K meets the harsh requirements of all aspects from various different industries, including Logistics, Inventory Management, Procurement Systems, Retailing Systems, Hospital Nursing Systems, Wholesaling Management, Production Management, Water Meter Reading, Electricity Meter Reading, Data Collection, etc., brings excellent operating experience and higher Productivity.

# Product Features

## 8 Cores CPU, Ultra-Fast Speed and Excellent Operating Experience

As the first Octa-Core intelligent handheld data terminal, the hardware configuration of HT380K is the highest among domestic competitors. It adopts a MT6755M Octa-Core CPU which consists of 8 Cortex-A53 kernels, main frequency reach to 1.8GHz, a 700MHz Mali-T860MP2 GPU and an ultra large memory with 2GB RAM and 16GB ROM. Industry leading hardware configuration bring this new generation data terminal large improvement in computational capability and overall performance.

The core frequency, properties and power consumption of MT6755M exceeds MT6753, MT6752 series and even beat Qualcomm Snapdragon 615, 616 series.



|  | MTK MT6755M | MTK MT6753 | MTK MT6752 | MTK MT6750 | Qualcomm Snapdragon 615 (MSM8939) | Qualcomm Snapdragon 616 (MSM8939) | Qualcomm Snapdragon 210 (MSM8909) | Qualcomm Snapdragon 410 (MSM8916) |
|---|---|---|---|---|---|---|---|---|
| Kernel | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| Peak Frequency | 1.8GHz | 1.5GHz | 1.7GHz | 1.5GHz | 1.7GHz | 1.5GHz | 1.4GHz | 1.4GHz |
| 4G Communication | CAT6 | CAT4 | CAT4 | CAT6 | CAT4 | CAT4 | CAT4 | CAT4 |
| Max Upstream / Downstream Rate（Mbps） | 50/300 | 50/150 | 50/150 | 50/300 | 50/150 | 50/150 | 50/150 | 50/150 |

## Android 6.0 OS, Excellent Operating Experience

Deeply optimized system based on Android 6.0 and more humanized UI design bring faster and smooth operation experience. The software rights and installation control provides better insurance of security.
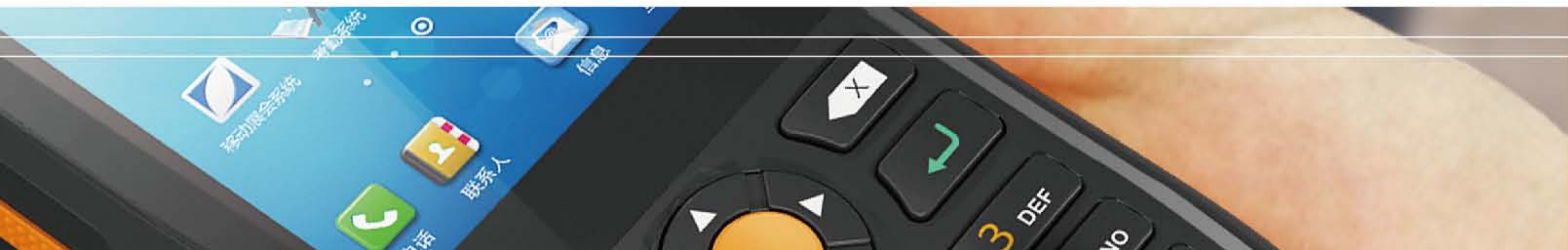


## 4G Full Netcom, More Stable and Faster Network Experience

HT380K supports 4G TD-LTD, FDD-LTE, WCDMA, and CDMA. One device supports various kinds of SIM card with different bands and frequencies. 4G network provides faster data transporting speed and is more stable than 3G. HT380K also supports Bluetooth 4.1 and dual-frequency Wi-Fi which have the features of anti-industrial interference, anti-EMI and fast speed.

## IP65 Rated Water-Proof and Dust-Proof, 1.5M Drop Protection Grade

Magnesium alloy interior structure, precise die mold designed outer casing, Corning Gorilla Glass 3, IP65 rated water-proof and dust proof, 1.5m drop protection grade in six sides, HT380K has the capability to fit various harsh working environment.

## Brand-name barcode scanner, recognize barcodes fast and accurately.

HT380K adopts world famous 1D or 2D barcode scanners which is fast and accurate and can easily recognize damaged, soiled, bended, colored, low contrast barcodes as well as the barcodes in plastic bags.

damaged barcode　　bended barcode　　High density barcode　　colored barcode　　low contrast barcodes

## Large Battery provide ultra-long standby time

Low power consumption technology and 4000mAh large polymer lithium battery bring 250 hours standby time and 1 to 2 days continuous usage time. No need to charge or change batteries frequently during working, which can help users increase working efficiency.

## 4 times in call volume, easy to communicate in noisy environment.

HT380K support HD voice call and SMS. The loudspeaker adopts high-power and integrated rear acoustic chamber design, 4 times louder than normal mobile phones, easily to communicate clearly even in noisy environment.

## Compact and ergonomic design, perfect for one-hand operation

HT380K is a compact and ergonomic handheld terminal, it is easy to be hold and operated by only one hand, brings higher working efficiency and no pressure with long-time operation.

Power button

USB PORT

Scan key

3.5 inches
IPS screen

keyboard

Charging copper

Earphone Jack

Scan key

Scan head

Wrist Strap

800W camera

Battery cover switch

NFC sensing area

# Product Specifications

| Basic Configuration | |
|---|---|
| OS | Android 6.0 |
| CPU | MTK MT6755M Cortex-A53, 8 cores, 1.8GHz |
| RAM | 2GB DDR3 ( Optional 3GB DDR3 ) |
| ROM | EMMC 16GB ( optional 32GB ) |
| Extended Memory | Support maximum 64GB extended MicroSD (TF) card |
| Display | 3.5inch IPS Screen, 800*480(WVGA), brightness > 350 |
| Touch Screen | Corning Gorilla Glass 3, support 5 points touch |
| Battery | 3.8V 4000mAh polymer lithium battery |
| Software Development Toolkit | Android SDK |
| Software Environment | Java |
| SD Card Slot | Micro SD (TF) x 1, SIM x 1 |
| Loudspeaker | Loud speaker volume up to 90dB, easy to deal with noisy environment |
| Indication Light | Power indicator * 1 |
| Audio | Headphone Jack x 1 | Microphone x 2, Noise Reduction supported | Loudspeaker x 1 |
| Voice Call | Support |
| Vibration | Support |
| Light Sensor | Support |
| G-SENSOR | Support |
| Wi-Fi | IEEE 802.11/b/g/n, 2.4GHz + 5GHz Dual-Frequency |
| Bluetooth | Bluetooth V4.1 | Connecting Range not less than 10 Meters | Support Bluetooth Printing. |
| GPS | Support GPS Positioning |
| Wireless Communication | Support 4G-LTE | 3G | GSM | CDMA<br>CDMA 1X/EV: BC0 | GSM: 900/1800 | WCDMA: B1/B5/B8 | TD-SCDMA: B34/B39 | FDD-LTE: B1/B2/B3/B4/B5/B7/B8/B20/B28 | TD-LTE: B38/B39/B40/B41 |

| Optional Functions | |
|---|---|
| 1D Barcode Scanner | High Speed Professional Barcode Scan Engine<br>1D Barcodes Supported:<br>Code 39, Codabar, Code 128, Discrete 2 of 5, Interleaved 2 of 5, Code 93, UPC-A, UPC-E, EAN-8, EAN-13, MSI, EAN-128, ISBN/ISSN, etc. |
| 2D Barcode Scanner | Professional 2D Barcode Scan Engine recognize both 1D and 2D barcodes<br>1D Barcodes Supported:<br>1D: Code 39, Codabar, Code 128, Discrete 2 of 5, Interleaved 2 of 5, Code 93, UPC-A, UPC-E, EAN-8, EAN-13, MSI, EAN-128, ISBN/ISSN, etc.<br>2D Barcodes Supported:<br>PDF417, Micro PDF417, QR Code, Micro QR, MaxiCode, Data Matrix, GS1 Composite, Australian Post, British Post, Canadian Post, Japanese Post, etc. |
| Camera | 8 Megapixels Camera | Flash Light | Auto-Focus |
| NFC | 13.56 MHz | ISO14443A | ISO15693 | Mifare |
| Charging Dock | Can charge the device and a backup battery at the same time. |

| Peformance | |
|---|---|
| Drop Test | In standard temperature environment, 6 sizes can bear the impact from falling to concrete surface in 1.5 meter height. |
| Sealing Class | IP65 (water-proof, dust-proof) |
| Net Weight | 260g (including 4000mAh battery) |
| Measurement | 166mm (L) x 68mm (W) x 28mm (H) |

| Interfaces | |
|---|---|
| Earphone Jack | Earphone Jack x 1 |
| USB PORT | Micro USB Port x 1 |

| Default Accessories | |
|---|---|
| Power Adapter | Power Adapter x 1 |
| Data Cable | Micro USB Wire x 1 |
| Battery | 3.8V 4000mAh polymer lithium battery x 1 |
| Wrist Strap | Wrist Strap x 1 |

8 coresCPU | 4G | Android 6.0 | 1D Barcode Scanner | 2D Barcode Scanner | Camera | Bluetooth | WiFi | Battery | NFC | GPS