# SEWOO
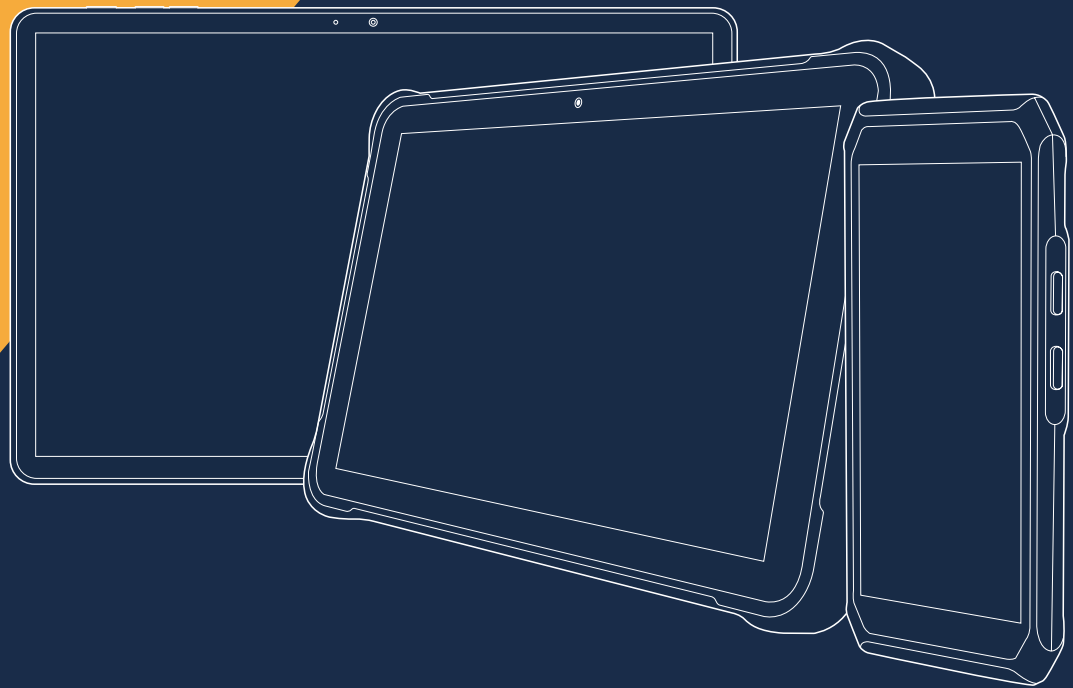
# MOBILE COMPUTER
# PRODUCT GUIDE BOOK

Handheld Terminal
Enterprise Tablet
Industrial Tablet

Your Complete Hardware
Solution Partner,
SEWOO

# SEWOO

# YOUR COMPLETE HARDWARE SOLUTION PARTNER

## RETAIL

SEWOO Printing Solutions are widely used in various distribution sectors such as department stores, hypermarkets, and speciality retail stores for printing purposes including receipts, price tags (labels), and coupons.

## TOURISM, DINING

SEWOO Printing Solutions are widely used in various sectors of the tourism and food service industry, including hotels, restaurants, and kitchens, for printing purposes such as receipts, kitchen printers, order labels, and ingredient labels.

## TRANSPORTATION, LOGISTIC

SEWOO Printing Solutions are widely used in various sectors of the transportation and logistics industry, including warehouses, logistics centers, railway stations, and airports, for printing purposes such as parcel and logistics delivery receipts, in-flight duty-free receipts, baggage labels, notices, and airline bus terminal tickets.

## HEALTHCARE

SEWOO Printing Solutions are widely used in various sectors of the healthcare industry, including hospitals, pharmacies, and medical research laboratories, for printing purposes such as patient information, examination results, symptoms, and prescription labels.

## MANUFACTURING

SEWOO Printing Solutions are widely used in various sectors of the manufacturing industry, including warehouses, factories, and production sites, for printing purposes such as invoices and receipts, inventory management labels, product information labels, packaging labels, incoming/management labels, and component tag printing.

## PUBLIC SECTOR

SEWOO Printing Solutions are widely used in various sectors of the public domain, including public institutions, police stations, military, and libraries, for printing purposes such as parking and traffic violation receipts/labels, and book location tags.

## ON-SITE SERVICES

SEWOO Printing Solutions are widely used in various sectors of on-site services, including delivery shops and field service businesses, for printing purposes such as delivery receipts, on-site sales, and service receipts.

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**Handheld Terminal**

**Enterprise Tablet**

**Industrial Tablet**

1

# Handheld Terminal

SEWOO Handheld Terminal enables efficient, real-time data management.

## SEWOO Handheld Terminal ensures efficient data management.

SEWOO Handheld Terminal is a powerful, portable device designed to optimize data management and streamline workflows. It offers real-time processing capabilities, making it ideal for fast-paced environments. With its intuitive design and robust features, it enhances accuracy and efficiency in daily operations.
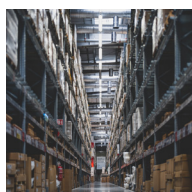
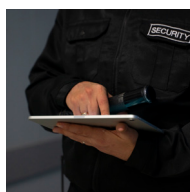### Application


Delivery
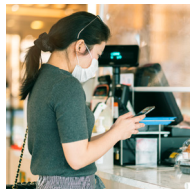

Retail


Transportation


Manufacturing


Logistics


Security


Public Services


Agriculture

Handheld Terminal



**NBP-65**

## PRODUCT SPEC

| SYSTEM CONFIGURATION | | | COMMNUNI-CATION TRANSMISSION | | | |
|---|---|---|---|---|---|---|
| CPU | Octa-core 2.0 GHz | | WWAN (NETWORK FREQUENCY) | ASIA & EUROPE | - 2G : B2/B3/B5/B8<br>- 3G : WCDMA : B1/B2/B5/B8<br>- CDMA&EVDO : BC0 / - TD-SCDMA : B34/B39<br>- 4G : FDD-LTE : B1/B3/B7/B8/B20<br>TDD-LTE : B38/B39/B40/B41/B34 | |
| OPERATING SYSTEM | Android 9.0 | | | AMERICA | - 2G : B2/B3/B5 / - 3G : B1/B2/B4/B5;<br>CDMA&EVDO : BC0/BC1 (U.S.A)<br>- 4G : B1/B2/B3/B4/B5/B7/B12/B17/<br>B28A/B28B/B41 | |
| MEMORY | Standard : 4GB RAM+64GB ROM<br>Option : 2GB RAM+16GB ROM,<br>3GB RAM+32GB ROM | | WWAN (DATA SERVICE) | | - GSM/GPRS/EDGE/CDMA/UMTS/HSPA/<br>HSPA+/EVDO/WCDMA/TD-SCDMA/TDD-LTE/<br>FDD-LTE<br>-Wi-Fi 802.11 a/b/g/n/r/ac (Dual-band<br>Wi-Fi:2.4G+5G), Double PA amplifier | |
| EXPANSION SLOT | Mini SD card, up to 256 GB | | WIRELESS LAN | | Wi-Fi 802.11 a/b/g/n/r/ac (Dual-band Wi-Fi:2.4G+5G), Double PA amplifier | |
| DISPLAY | 4.7inch, 1280 x 720 High resolution | | BLUETOOTH | | Bluetooth 5.0 | |
| KEYPAD | 4 Front keys, 4 Side keys, Power key | | GPS | | GPS/AGPS/Beidou Compass/Galileo/Glonass | |
| TOUCH PANEL | Industrial-grade capacitive touch panel (supporting operating with gloves) | | Structural Parameters | DIMENSION (WxDxH) | 2.8"x0.6"x5.9"(73.5x16x150mm)/<br>(head 24mm thickness) | |
| CAMERA | 8 MPX camera in the back side,<br>Autofocus lens, LED flash | | | WEIGHT | 0.5lb (230g, With battery) | |
| EXIT WINDOW | Corning® Gorilla® glass | | Operating Environment | DEVELOPMENT TOOLS | Android SDK + JDK + Eclipse | |
| VIBRATION MOTOR | Built-in programmable vibration motor | | | PROGRAMMING LANGUAGE | Java | |
| BATTERY | 3.8V 4000mAh rechargeable (optional :<br>8000mAh) lithium polymer battery<br>Fast Charging scheme | | | OPERATING TEMP | -4℉~140℉ (-20℃~60℃) | |
| | | | | STORAGE TEMP | -40℉~140℉ (-40℃~60℃) battery included<br>-40℉~158℉ (-40℃~70℃) battery not included | |
| | | | | RELATIVE HUMIDITY | 0~95% (Non-condensing) | |
| NOTIFICATION | Vibrator alerts / LED / Audio notification | | | DROP RATING | 4.9ft.(1.5m) to concrete | |
| AUDIO | Built-in microphone / Mini USB / Headphone connector | | | DUST-AND WATER-RESISTANCE RATING | IP65 | |
| SENSOR | G-Sensor/Proximity sensor/Light sensor | | | ELECTROSTATIC DISCHARGE | onforms to ±15kV air discharge,<br>±8kV direct discharge | |
| GMS (ONLY GMS GLOBAL CERTIFIED) | PASSED | | ACCESSORIES | STANDARD | Battery, Power adapter, Hand strap,<br>Bottom charging cable,Power Adapter (5V, 2A) | |
| NFC (OPTIONAL) | 13.56 MHz / Within 30mm / ISO14443A /<br>14443B / 15693 | | | OPTIONAL | USB Cable, Single cradle (device and battery),<br>4-slot device cradle & Battery cradle,<br>Wrist Strap, Protective case (with wrist strap),<br>Waist bag, Pistol grip (without UHF),<br>Extended Battery, Screen protector<br>(composite) | |

Handheld Terminal

**NBP-75**

# PRODUCT SPEC

| SYSTEM CONFIGURATION | PROCESSOR | Octa-core 2.2 Ghz high-performance processor |
|---|---|---|
| | OPERATING SYSTEM | Android 13.0 (AER)<br>Android 15.0 (Upgradeable) |
| | MEMORY (ROM+RAM) | 64GB + 4GB (Standard),<br>128GB+6/8/12GB (Optional) |
| | SIM | Two out of three SIM card slots,<br>support dual-SIM dual-standby<br>∗ Two out of three SIM card slots:<br>two cards can be held at the same time, Nano<br>SIM card + Nano SIM card /Nano SIM card +<br>TF card |
| | EXPANSION SLOT | Micro SD card (up to 2 TB) |
| | DISPLAY SCREEN | 5.5-inch, resolution: 1440∗720 pixels IPS<br>HD screen |
| | TOUCH SCREEN | Industrial capacitive screen, support wet-hand<br>operation/glove mode/multi-touch /<br>gesture operation |
| | CAMERA | 13 megapixels rear camera, support PDAF;<br>5 megapixels front camera |
| | FLASHLIGHT | 1A high brightness flashlight |
| | KEYPAD | 5 keypads in total: scan key ∗2,<br>power key ∗1, volume key ∗2 |
| | AUDIO | Built-in dual microphone |
| | SENSORS | G-sensor/ Proximity sensor/Light sensor/<br>Gyroscope/High-precision barometer/<br>Electronic compass |
| | BATTERY | 4.4V lithium battery, with 5000mAh<br>(Optional: Smart battery), detachable,<br>back-up battery support |
| | CHARGING METHOD | Type-C charging, support 9V/2A fast charging |
| | REMINDER | Vibration reminder/LED reminder/<br>High power speaker |
| | VIBRATING MOTOR | Built-in vibrating motor |
| | INTERCOM FUNCTION (OPTIONAL) | Support one-button PTT calls |
| ENVIROMENTAL PARAMETER | WORKING TEMPERATURE | -20℃ - 50℃<br>∗Do not charge under low temperature<br>conditions for the safety concerns |
| | STORAGE TEMPERATURE | -40℃ - 70℃ |
| | HUMIDITY | 0 - 95% (no moisture condensation) |
| | DROP SPECIFICATION | Multiple drops to concrete floor from the<br>height of 1.5m |
| | ROLLER DROP SPECIFICATION | 1000 times of roller drops from the height<br>of 0.5 meter |
| | INGRESS PROTECTION | IP65, IP67(Optional) |
| | ESD PROTECTION | ±15KV(air discharge), ±8KV(contactdischarge) |

| COMMNUNI-CATION TRANSMISSION | WWAN (NETWORK FREQUENCY) | 2G : B2/B3/B5/B8<br>3G : WCDMA:B1/B2/B4/B5/B8<br>4G : FDD-LTE:B1/B2/B3/B4/B5/B7/B8/B12/<br>B17/B20/B28A/B28B/B66/<br>TDD-LTE:B34/B38/B39/B40/B41(190M) |
|---|---|---|
| | WWAN (DATA SERVICE) | GSM/GPRS/EDGE/CDMA/UMTS/HSPA/HSPA+/<br>EVDO/WCDMA/TDD-LTE/FDD-LTE |
| | WLAN FUNCTION | Wi-Fi 802.11 a/b/g/n/r/ac/ax 2.4Ghz+5Ghz |
| | BLUETOOTH | Bluetooth 5.1, support BLE |
| | GPS | GPS/GIONASS/BDS/AGPS/Galileo/QZSS |
| DEVELOPMENT SUPPORT | PROGRAMMING LANGUAGE | Java |
| | DEVELOPMENT API | iScan API (Scanning Development Kits),<br>Device API (Device Management/Configuration<br>Development Kits), Android Standard Interface |
| | DEVELOPMENT TOOL | Eclipse/Android Studio |
| COMMUNI-CATION INTERFACE | USB INTERFACE | Type-C (with headset function) ∗1 |
| | OTG INTERFACE | Support |
| SCANNING ENGINE | SCANNING ENGINE | DS7000 Pro (Optional : DS7500/HS7/N5703/<br>N6703/N6803) |
| | BARCOD TYPE | It can scan 1D/2D barcode |
| | SCANNING ACCURACY | ≧3.33mil |
| | SCANNING ANGLE | Pitch: ±60° ;  Skew: ±45° ;  Tilt: 360° |
| | VIEW ANGLE | Horizontal: 44.3°, Vertical: 28.4°, Diagonal: 51° |
| | MOTION ERROR TOLERANCE | 8m/s |
| ACCESSORIES | STANDARD ACCESSORIES | USB cable∗1, hand strap∗1, power adapter∗1,<br>device-back strap∗1, battery∗1 |
| | OPTIONAL ACCESSORIES | 2-in1 charging cradle, 4-slot Battery Charging<br>Cradle, Protective cover, Protective film, Waist<br>bag, Stylus pen, Pistol grip(only for straight<br>type scanner), Multi-functional 5-slot Base,<br>Single Charging Cradle |
| NFC (STANDARD) | WORKING FREQUENCY | 13.56 MHz |
| | READING DISTANCE | Within 35mm |
| | COMMUNICATION PROTOCOL | ISO14443A/14443B/15693 |
| STRUCTURE PARAMETER | DIMENSION (L∗W∗D) | 162.2mm∗78.5mm∗15mm<br>(the thickness point 25mm) |
| | WEIGHT | 263g (including the battery) |

## Key Feature

### NBP-65

- Rugged and light weight
- Powerful & efficient Data collection
- Fast transmission with 4G network
- GMS(only GMS global certified) PASSED
- IP65 protection grand and 1.5m drop rate & 5G Wi-Fi
- Supports 3types wireless LAN (North America, Europe, Asia)
- Provides 4G networks and dual band Wi-Fi 2.4G+5G (Wi-Fi 802.11 a/b/g/n/r/ac)

### NBP-75

- High-performance octa-core 2.2 Ghz processor
- Powerful GPU support and 45°tilt design for efficient scanning & decoding capability
- Support for Wi-Fi 6
- Designed for rugged protection
- Large battery capacity : 5,000mAh

# Enterprise Tablet

SEWOO Enterprise Tablet is a versatile device designed for efficient, real-time operations across industries.

## SEWOO Enterprise Tablet enables real-time operations.

The Enterprise Tablet is a powerful device designed for efficiency and mobility. It supports real-time operations, enhancing productivity across various industries. With a durable build and versatile features, it meets the demands of fieldwork and office environments alike.

From logistics and healthcare to manufacturing and retail, it streamlines processes and improves accuracy. The tablet enables seamless data management, communication, and task execution on the go. Compact yet powerful, it's the ultimate tool for modern businesses.
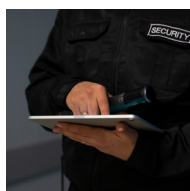
## Application
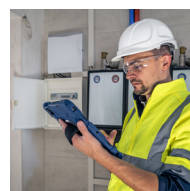


Delivery
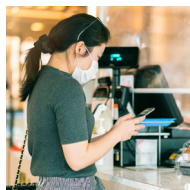


Retail
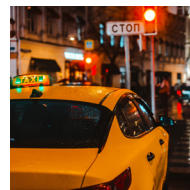


Transportation



Manufacturing
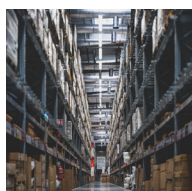


Logistics



Security



Public Services



Agriculture

### Enterprise Tablet



## PRODUCT SPEC

| | | ST10 | ST10N | ST11 |
|---|---|---|---|---|
| PHYSICAL CHARACTERIS-TICS | SCREEN SIZE | 10.1 Inch | 10.1 Inch | 11 Inch |
| | SCREEN TYPE | IPS | IPS | IPS |
| | DISPLAY RESOLUTION | 1280*800 | 1280*800 | 1920*1200 FHD |
| | PROCESSOR | MediaTek MT8788 Octa core | MediaTek MT8183 Octa core | MediaTek G88 Octa Core |
| | MAIN FREQUENCY | 2.0GHz | 2.0GHz | 1.8GHz |
| | RAM | 4GB | 4GB | 6GB |
| | STORAGE | 64GB | 64GB | 128GB |
| | OS | Android 12 | Android 12 | Android 14 |
| | CAMERAS | 2MP front camera, 5MP rear camera | 2MP front camera, 5MP rear camera | 5MP front camera, 13MP rear camera with flashligh |
| | NETWORKS | 2.4G + 5G Dual Band WiFi (IEEE 802.11b/g/n/ac), GPS & A-GPS, Bluetooth 5.0 | 2.4G + 5G Dual Band WiFi (IEEE 802.11b/g/n/ac), GPS & A-GPS, Bluetooth 5.0 | 2.4G + 5G Dual Band WiFi (IEEE 802.11a/b/g/n/ac), GPS, Bluetooth 5.0 2G/3G/4G LTE 2G: Band 2/3/5/8 3G: Band 1/2/5/8 4G LTE: Band 1/3/5/7/8/20/34/38/39/40/41 |
| | PORTS | Type C port x1, 3.5mm headphone jack x1 | Type C port x1, 3.5mm headphone jack x1 | Type C port x1 |
| | EXTENSION | Micro SD slot | Micro SD slot | Micro SD/SIM slot |
| | SPEAKER | Built-in dual speaker & Mic | Built-in dual speaker & Mic | Built-in dual speaker & Mic |
| | PHYSICAL BUTTONS | 3 | 3 | 3 |
| | BATTERY | 6000mAh | - | 7000mAh |
| | SIZE | 242mm(L) ×160.1mm(W) × 8.4mm(H) | 242mm(L) ×160.1mm(W) × 8.4mm(H) | 258mm(L) x 170mm(W) x 10mm(H) |
| | NET WEIGHT | 513.8g | 450g | 500g |
| | ACCESSORIES | Guide book x1, Warranty card x1, Type C cable x1, Charger x1 | Guide book x1, Warranty card x1, Type C cable x1, Charger x1 | Guide book x1, Warranty card x1, Type C cable x1, Charger x1 |

Key Feature

## ST10 / ST10N (Not inclueded battery)



- Powerful Performance:
  MediaTek MT8788 8-core processor for high performance and efficient multitasking. 4GB LPDDR4X RAM and 64GB storage (expandable via microSD) for smooth operation and ample storage space.
- High-Quality Display: 10.1-inch IPS display with 1280x800 HD resolution for clear, vibrant visuals and wide viewing angles.
- Premium Design:
  Black metal body with smooth edges for a sleek, durable, and stylish appearance.
- Enhanced Audio:
  PureSound Audio system with a K9 digital amplifier chip for superior sound quality.
- Connectivity and Networking: 802.11ac dual-band Wi-Fi for fast and stable internet connection. Bluetooth 5.0 for easy pairing with other devices.
- Long-lasting Battery (ST10):
  6000mAh large-capacity lithium battery for extended use and reliability.
- Convenient Charging: Type-C port for fast and convenient charging.

## ST11



- Large, High-Quality FHD Display:
  11-inch IPS screen with a 1920x1200 resolution for clear, vibrant visuals.
- Powerful Performance: MediaTek G88 Octa-Core Processor (1.8GHz) for smooth multitasking and fast performance. 6GB RAM and 128GB storage (expandable via microSD) for efficient data handling and storage.
- Advanced Operating System:
  Android 14 for the latest features, security updates, and user-friendly experience.
- Camera System: 13MP rear camera with flashlight for high-quality photos and videos. 5MP front camera for clear video calls and selfies.
- Dual Connectivity:
  2.4G + 5G Dual Band WiFi (IEEE 802.11a/b/g/n/ac) for fast, stable internet. 2G/3G/4G LTE support for reliable mobile network access across various bands. Bluetooth 5.0 and GPS for seamless device pairing and navigation.
- Long Battery Life: 7000mAh battery for extended use, ensuring all-day productivity.
- User-Friendly Features: USB Type-C port for fast charging and data transfer. Physical buttons (3) for easy navigation. Built-in dual speakers and mic for clear audio output and input.
- Robust and Expandable: Micro SD/SIM slot for additional storage and SIM card use.

# Industrial Tablet

SEWOO Industrial Tablet is a rugged, high-performance device designed for demanding environments and real-time data processing.

## SEWOO Industrial Tablet is a rugged, high-performance device.

Industrial Tablet is built for durability and high performance in harsh environments. It is designed to withstand extreme conditions, including dust, water, and temperature variations. Equipped with powerful hardware, it ensures fast and reliable data processing.

With its rugged construction, the tablet is ideal for industries like manufacturing, logistics, and field services. It supports real-time data collection, communication, and task management. The Industrial Tablet is the perfect tool for professionals working in demanding environments.
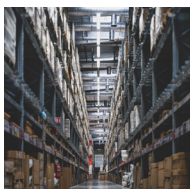
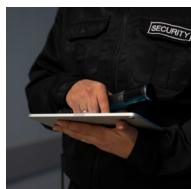### Application

Delivery

Construction
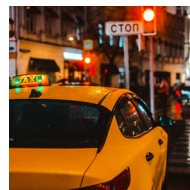
Transportation

Manufacturing

Logistics

Public Safety

Field Inspections

Agriculture

### Key Feature

## BPR-08 Series

1. **IP67 Protection Level:**
   BPR-08W: IP67 industrial protection level is more practical for complex industrial environments.
   BPR-08A: IP67 high protection level, in accordance with MIL-STD-810G.
2. **1D/2D Barcode Support:**
   BPR-08W: 1D/2D Barcode optional.
   BPR-08A: Support 1D/2D, NFC and other functional modules for free selection.
3. **Multiple Wireless Communication Methods:**
   - BPR-08W: Multiple high-speed wireless communication methods such as 4G all network communication, Bluetooth, WiFi, etc.
   - BPR-08A: Optional 3G/4G all network communication, WiFi, Bluetooth and other communication modes.

## BPR-10II Series

1. **Ethernet:**
   BPR-10IIW: 1,000 Mbps Ethernet.
   BPR-10IIA: 1,000 Mbps Ethernet.
2. **Accessories:**
   BPR-10IIW: Various accessories as hand strap, docking station ...etc. (optional).
   BPR-10IIA: Various accessories as hand strap, docking station ...etc. (optional).
3. **Performance in Harsh Environments:**
   BPR-10IIW: Best fits for harsh working environments assuring a great performance.
   BPR-10IIA: Best fits for harsh working environments assuring a great performance.
4. **WiFi:**
   BPR-10IIW: WiFi 802.11ac/b/g/n 5G&2.4G Dual band.
   BPR-10IIA: WiFi 802.11a/b/g/n/ac 2.4G.

Industrial Tablet

## PRODUCT SPEC

| | | BPR-08A | BPR-08W | |
|---|---|---|---|---|
| | | **MT8788** | **N5100** | **I5-8200Y** |
| PHYSICAL CHARACTERIS-TICS | CPU | MT8788, 8core ARM® / Cortex-A73 MPCoreTM up to 2.0GHz | Intel N5100 | Intel i5-8200Y |
| | RAM/ROM | EMCP : 4GB+64GB (Optional : 6GB+128GB) | 4GB+64GB/8GB+256GB (optional) | 8GB+256GB/16GB+512GB (optional) |
| | WIFI | 802.11a/b/g/n/ac, Wireless AP ( Mobile AP ) 2.4G, 5G | 802.11a/b/g/n/ac Wireless Internet Wireless AP (Mobile AP) 2.4G, 5G | 802.11a/b/c/g/n Wireless Internet Wireless AP (Mobile AP) 2.4G, 5G |
| | OS | Android 11 | Windows 10 | |
| | GPS | Support Beidou+GPS+ glonass Capture sensitivity : -163 dBm | BDS, GPS, GLONASS | |
| | TOUCH SCREEN | Support 10 points touch G+G Capacitive touch panel | 10 point touch | |
| | WWAN | TDD-LTE : B34/B38/B39/B40/B41/B66 FDD-LTE : B1/B2/B3/B4/B5/B7/B8/B12/B17/B20/B28 WCDMA : B1/B2/B4/B5/B8 CDMA2000 : BC0 TD-SCDMA : B34/B39 GSM : B2/B3/B5/B8 | Default :SLM770A-SA : (Global band) LTE FDD:B1/2/3/4/5/7/8/28/66 LTE TDD:B40 WCDMA:B1/2/4/5/8 GSM:850/900/1800/1900 Optional : SLM750-VA (only North America) LTE-FDD:B2/4/5/12/13/17/25/26 LTE-TDD:B41 WCDMA:B2/4/5 GSM:850/1900 | |
| | NFC | ISO/EC14443, ISO/IEC15693, MIFARE, Felica, Read distance : 3-5cm, Front | ISO14443; TYPE A; Mifare 13.56 MHz, Distance: 7-15mm | |
| | SENSOR | 1. Light Sensor 2. Proximity Sensor 3. Geomagnetism 4. Gyroscope 5. Accelerometer 6. Baroceptorr | 1. Light sensor 2. Compass 3. Baroceptor | |
| | PRODUCT SIZE / WEIGHT | 228*137*13.3mm / 570g | 234*144*16.8mm / 700g | |
| | POWER AND BATTERY | 7800mAh/3.8V Play video duration : About 15 Hous (70% volume, 70% nit, Play 1080PHD video) Screen standby duration : About 200 Hous | 5000mAh; 7.7V Duration : 7 hours Standby time : 6 days | |
| | BATTERY TYPE | Built in unremovable Li-ion Polymer Battery | - | |
| | LCD | 8 inch / 1200*1920 / Min : 330nit, Typ : 350nit Max : 400nit / IPS Screen / Active Area :107.64(H) x 172.224(V) | 8 inch; 1200*1920; 400nits | |
| | SPEAKER | 8Ω, 1.5W x1 | 1.5W x1 | |
| | BUTTON | Power, V+, V-, P, F, H | V+ -, Power, "F" for Barcode Scan / Customized Button: P,H | |
| | PROOF DEGREE | 1. Waterproof IP65, but in fact is IP67 design 2. Drop 1.2m, 6 sides | 1. Anti-dust & Waterproof IP65-IP67 2. Dropping Resistance 1.2 meter | |
| | CERTIFICATION | 1. Military 810G 2. EU CE, US FCC | 1. MIL-STD-810G 2. ISO 3. IP67 4. MSDS | |
| | LIGHT TRANSMITTANCE | Over 90% | | |
| | LANGUAGE | multi language | | |
| | CAMERA | Front Camera 5.0M + Rear Camera 13.0M (Support flash LED) | | |
| | BLUETOOTH | BT 4.2 | | |
| | MULTI-MEDIA (HARDWARE DECODING) | Photo Viewer : BMP, JPG, GIF, PNG Video Format :MEPG 1/2/4,H.263/H.264,RMVB,WMV/ VC-1,MVC,AVS,MJPEG. (UP TO 1080P) Audio Format : MP3,WMA,WAV,OGG,FLAC,ALAC,APE,AAC,AC-3,DTS (need license) | | |
| | INTERFACE IN/OUT PORT | 1. USB 2.0 *1 2. Download/Charge *1 3. RJ45 Ethernet 10/100M (USB 3.0 transfer) *1 4.RS232(Miniusb Transfer) *1 5. 3.5mm headphone jack *1 6. DC power jack (5V, 3A, Ø3.5mm) *1 | 1. HDMI*1 2. SIM Card Slot*1 3. RS232*1 4. Earphone*1 5. DC*1; 3.5*15mm 6. USB 3.0 *3 | |
| | POGOPIN | Back 16PIN : USB2.0x1+UART RS232x1 Bottom 8PIN : USB2.0x1+UARTRS232x1+Chargerx1 | Back pogopin: USB 2.0 Charging RS232 Bottom pogopin: USB 2.0 Charging RS232 | |
| OPTIONAL | FINGER PRINT | Support | | |
| | SCANNER | Support | | |
| | UHF RFID | Support | | |
| | ACCESSORIES | Extra Hand-string(carry strap), Docking station, Car holder (compatible 10inch), Car charger DC3.5, Stylus pen, 5V3A EU/US charger | Extra Hand-string(carry strap), Docking station, Car holder (compatible 10inch), Car charger DC4, Stylus pen, 12V4A adapter | |

Industrial Tablet

**BPR-10IIW**

# PRODUCT SPEC

| | | i5,i7 | Z8350 | N5100 |
|---|---|---|---|---|
| PHYSICAL CHARACTERIS-TICS | CPU | Intel i5-8200Y / (optional : i7-8500Y) | Intel cherry trail Z8350, 1.44Ghz-1.92GHz | Intel N5100 Quad Core, 1.1GHz |
| | OS | windows 10 pro | windows 10 pro | Windows 10 Home/Pro/Iot |
| | NFC | 13.56 MHz, Distance: 7-15mm, ISO14443 TYPE A | ISO/IEC14443, ISO/IEC15693, MIFARE, Felica, Read distance: 3-5cm, Front | 13.56 MHz, Distance: 7-15mm, ISO14443, TYPE A, Mifare |
| | RAM/ROM | 8GB/256GB (optional : 8/512GB, 16/512GB) | 4GB/64GB | 8GB/256GB (optional : 4GB/64GB) |
| | WIFI | 802.11a/b/g/n/ac, Wireless AP ( Mobile AP )2.4G, 5G | 802.11a/b/g/n/ac Wireless AP ( Mobile AP )2.4G, 5G | 802.11a/b/g/n/ac Wireless Internet  Wireless AP ( Mobile AP )2.4G, 5G, Intel Stone Peak 3165 |
| | GPS | Support Beidou+GPS+GLONASS Capture sensitivity : -163 dBm Cold start : 35seconds Hot start : 1seconds | Support Beidou+GPS+GLONASS / Capture sensitivity : -163 dBm / Cold start : 35seconds / Hot start : 1seconds | BDS, GPS, GLONASS |
| | BLUETOOTH | BT4.2 | BT4.0, Transmission distance : 8 meter | 4.2 version |
| | LCD | 10.1 inch, 1200*1920, Max 500nit, IPS Screen | 10.1 inch, 1200*1920, Max 500nit, IPS Screen | 10.1 inch, 1200*1920 IPS Screen; 1000nits(800*1280) Optional |
| | POWER AND BATTERY | 6000mAh , 7.6V Play video duration : 8H Screen standby duration : 9H | Main battery : 12000mAh / Voltage 3.8 Vdc (45.6Wh), Secondary battery : 2550mAh Play video duration : 7hours Screen standby duration : 5days | 6000mAh, 7.6V Play video duration : 8hours Screen standby duration : 4days |
| | BUTTON | Power, V+, V-, P, F, H | Power, V+ , V- , P, F, H | V+ -, Power, "F" for Barcode Scan Customized Button: P,H |
| | CERTIFICATION | 1. MIL-STD-810G, 2. EU CE, 3. US FCC | 1. MIL-STD-810G, 2. EU CE, 3. US FCC | 1. MIL-STD-810G, 2. ISO, 3. IP67, 4. MSDS, 5.CE, 6.FCC |
| | HIGH PRECISION GPS | - | - | Optional : UM960, TU101 |
| | TEMPERATURE | Storate Temperature: -25 ℃ to 80 ℃ / Operation Temperature: -20 ℃ to 60 ℃ | Storate Temperature: -25 ℃ to 80 ℃ / Operation Temperature: -20 ℃ to 60 ℃ | Storate Temperature: -25 ℃ to 80 ℃ / Operation Temperature: -20 ℃ to 60 ℃ |
| | TOUCH SCREEN | 10 Point Touch / Support stylus | 10 Point Touch / Support stylus | 10 Point Touch / Support stylus |
| | CAMERA | Front Camera 5.0M+Rear Camera 13M.0M | Front Camera : 2.0M + Rear Camera : 5M.0M | Front: 5MP, Rear: 13MP |
| | SPEAKER | 8Ω, 1.5Wx1 | 8Ω, 1.5Wx1 | 1.5 Watt |
| | SIZE / WEIGHT | 275*178*18mm / 1100g | 275*178*18mm / 1040g | 273*172*20mm / 1100g |
| | LANGUAGE | Multi Language | Multi Language | Multi Language |
| | SENSOR | 1. Light sensor, 2. Gravity sensor | 1. Light sensor, 2.Gravity sensor | 1. Light sensor, 2. Compass, 3. Baroceptor |
| | INTERFACE/IN,OUT PORT | Type-A : USB3.0 x2 HDMI : HDMI Type A x1, Audio and video output RJ45 Ethernet : 10/100/1000M x1 Ø3.5mm Standard headphone interface x1 DB9 RS232 : 9-pin serial port x1 DC power interface : DC 12V 4A Ø4.0mm power interface x1 | Type-A : USB2.0 x1 Type-B : USB3.0 x1 Microusb x1 HDMI : HDMI Type A x1, Audio and video output RJ45 Ethernet : 10/100/1000M x1 Ø3.5mm Standard headphone interface x1 DB9 RS232 : 9-pin serial port x1 DC power interface : DC 5V 3A Ø3.5mm power interface x1 | HDMI*1, SIM Card Slot*1, TF Card Slot*1 (Max Support 128G), Earphone*1, DC*1; 3.5*12mm, USB 3.0 *2, RJ45*1, RS232*1 |
| | POGOPIN | Back 16PIN : USB 2.0 x1 + UART TTL x1 Bottom 8PIN : USB 2.0 x1 + UART TTL x1 + Charger x1 | Back 16PIN : USB 2.0 x1 + UART TTL x1 Bottom 8PIN : USB 2.0 x1 + UART TTL x1 + Charger x1 | 1. 16pin back of cover, include(1USB, 1 RS232, 1 UART, 3.3V, 5V) 2. 8pin in bottom(1USB, 1 RS232, 1 UART, 5V) VESA hole 75*75mm or 90*90mm |
| | CASING MATERIAL | ABS/PC/Rubber TPU/Aluminum | ABS/PC/Rubber TPU/Aluminum | ABS/PC/Rubber TPU/Aluminum |
| | PROOF DEGREE | 1. Waterproof IP54 2. Drop 1.2m, 6 sides | 1. Waterproof IP65 2. Drop 1.2m, 6 sides | Anti-dust & Waterproof  IP65 Dropping Resistance 1.2 meter |
| | WWAN | | Default :SLM770A-SA : (Global band) LTE FDD:B1/2/3/4/5/7/8/28/66 LTE TDD:B40 WCDMA:B1/2/4/5/8 GSM:850/900/1800/1900 Optional : SLM750-VA (only North America) LTE-FDD:B2/4/5/12/13/17/25/26 LTE-TDD:B41 WCDMA:B2/4/5 GSM:850/1900 | |
| OPTIONAL | FINGER PRINT | Support | | |
| | SCANNER | Support | | |
| | UHF RFID | Support | | |
| | ACCESSORIES | Extra Hand-strap (wrist strap), Extra Hand-string (carry strap), Docking station, Extra battery 12000mAh, Car holder (compatible 8inch), Car docking 12V In 5V out (include 12V/3A Car charger), Car charger, Stylus pen, 5V3A EU/US charger, Keyboard (compatible android&windows) | | |

Industrial Tablet

**BPR-10IIA**

# PRODUCT SPEC

| | | MT6789 | MT8788 | RK3399 |
|---|---|---|---|---|
| PHYSICAL CHARACTERISTICS | CPU | MTK MT6789 Octa Core 2.2GHz | MTK MT8788 8core ARM® Cortex-A73 MPCoreTM up to 2.0GHz | RK3399 6 Core 1.8GHz, A72 |
| | OS | Android 13.0 / Support GMS | Android 11.0 | Android 10 |
| | NFC | 13.56 MHz, Distance: 7-15mm ISO14443, TYPE A, Mifare | 13.56 MHz, Distance: 7-15mm ISO14443, TYPE A, Mifare | 13.56 MHz, Distance 5cm or above |
| | RAM/ROM | 8GB/256GB (optional : 12GB/256GB) | 4GB / 64GB 6GB /128GB; 8GB / 256GB Optional | 4GB+64GB |
| | WIFI | 802.11a/b/g/n/ac Wireless Internet Wireless AP (Mobile AP) 2.4G, 5G / AP6255 | 802.11a/b/g/n/ac, Wireless AP ( Mobile AP )2.4G, 5G AP6255 | 802.11a/b/g/n Wireless interenet Wireless AP (Mobile AP) 2.4G, 5G |
| | GPS | BDS, GPS, GLONASS | BDS, GPS, GLONASS | Baidou, GPS, GLONASS |
| | BLUETOOTH | 5.0 Version | 4.2 Version | 4.0 Version |
| | LCD | 10.1 inch / 1200*1920 / 450nits / IPS Screen | 10.1 inch, 1200*1920, 450nits / IPS Screen, 1000nits(800*1280) Optional | 10.1 inch, 1200*1920 500 nits sunshine readable |
| | POWER AND BATTERY | 12000mAh 3.8V, Lithium Ion Battery Duration: 19 hours Standby time: 15 days | 12000mAh 3.8V, Lithium Ion Battery Duration : 14 hours / Standby time : 9 days Video playback time is: about 15H (70% volume, 70% lumen brightness, 1080 HD video playback) | 12000mAh 3.8V,Lithium Ion Battery Duration: 19 hours / Standby time: 15 days 3.5*1.35mm, 5V 3A DC in put /Magnetic charger |
| | BUTTON | V+ -, Power, "F" for Barcode Scan / Customized Button: P,H | V+ -, Power, "F" for Barcode Scan / Customized Button: P,H | V+ -, Power, P, F, H |
| | CERTIFICATION | MIL-STD-810G / ISO / IP65 / MSDS / CE / FCC | MIL-STD-810G / ISO / IP65 / MSDS | - |
| | HIGH PRECISION GPS | UM960; TU101 Optional / Centimeter level, support Beidou, GPS, GLONASS, Galileo | | |
| | TEMPERATURE | Storate Temperature: -25 °C to 80 °C / Operation Temperature: -20 °C to 60 °C | | |
| | TOUCH SCREEN | 10 Point Touch / Support stylus | | |
| | CAMERA | Front: 5MP / Rear: 13MP / Rear camera with Flash light | | |
| | SPEAKER | 1.5 Watt | | |
| | SIZE / WEIGHT | 273*172*20mm / 1.1kg | | |
| | LANGUAGE | Multi language | | |
| | SENSOR | 1. Light sensor / 2. Compass / 3. Gravity / 4. Acceleration / 5. Baroceptor | | |
| | INTERFACE/IN,OUT PORT | 1. Type-C *1; OTG / 2. SIM Card Slot*1 / 3. TF Card Slot*1 Max Support 256G / 4. Earphone*1 / 5. DC*1; 3.5*12mm / 6. USB 2.0 *1 / 7. RJ45*1 / 8. RS232*1 | | |
| | POGOPIN | Bottom pogopin: USB 2.0 Charging RS232 / Back pogopin: USB 2.0 Charging RS232 | | |
| | CASING MATERIAL | ABS/PC | | |
| | PROOF DEGREE | Anti-dust & Waterproof IP65 / Dropping Resistance 1.2 meter | | |
| | WWAN | 4G LTE, 3G WCDMA, GSM 4G Fre : TDD-LTE: B34/B38/B39/B40/B41 FDD-LTE : B1/B2/B3/B5/B7/B8/B12/B17/B20/B26/B28A WCDMA : B1 : 2100MHZ, B2 : 1900MHZ, B5 : 850MHZ, B8 : 900MHZ, CDMA2000 : BC0, TD-SCDMA: B34/B39, GSM : B2/B3/B5/B8 | 4G LTE, 3G WCDMA, GSM 4G Fre : TDD-LTE: B34/B38/B39/B40/B41/B66 FDD-LTE : B1/B2/B3/B4/B5/B7/B8/B12/B17/B20/B28 WCDMA: B1 : 2100MHZ, B2: 1900MHZ, B5: 850MHZ, B8 : 900MHZ, CDMA2000: BC0, TD-SCDMA: B34/B39 GSM: B2/B3/B5/B8 | 4G LTE, 3G WCDMA, GSM 4G Fre: FDD: B1, B2, B3, B5, B7, B8, B12, B20 TDD: B38, B39, B40, B41, B34 WCDMA: B1, B8 TD-SCDMA: B34, B39 GSM / GPRS / EDGE |
| OPTIONAL | FINGER PRINT | Support | | |
| | SCANNER | Support | | |
| | UHF RFID | Support | | |
| | ACCESSORIES | Extra Hand-strap (wrist strap), Extra Hand-string (carry strap), Docking station, Extra battery 12000mAh, Car holder (compatible 8inch), Car docking 12V In 5V out (include 12V/3A Car charger), Car charger, Stylus pen, 5V3A EU/US charger, Keyboard (compatible android&windows) | | |

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