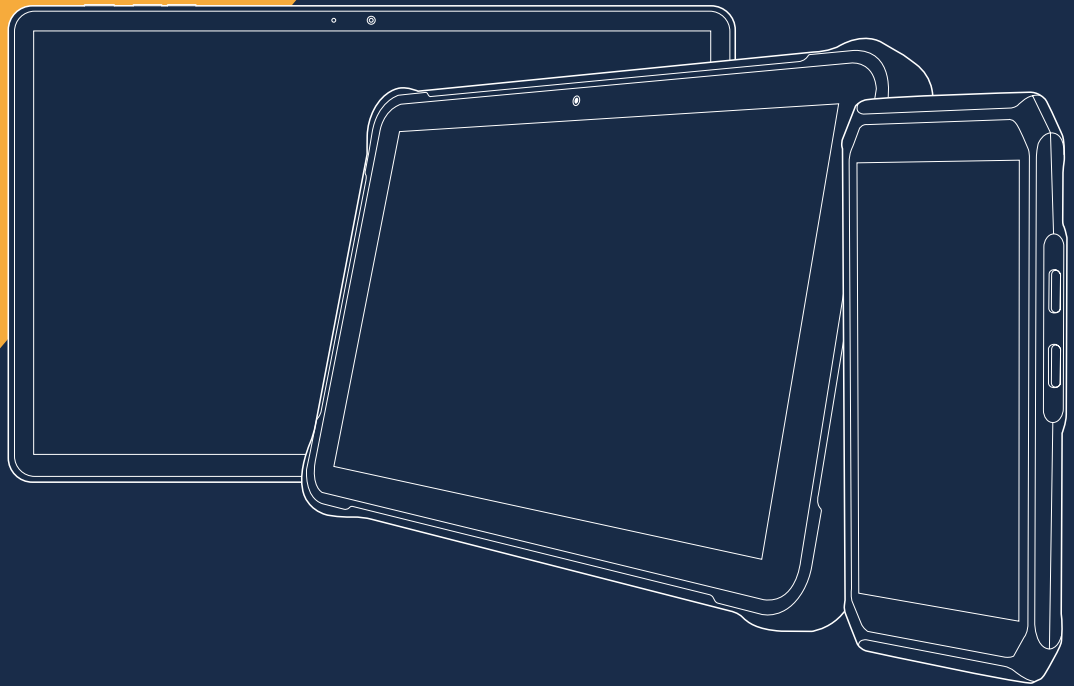


# sewoo



## MOBILE COMPUTER PRODUCT GUIDE BOOK

Handheld Terminal  
Enterprise Tablet  
Industrial Tablet

Your Complete Hardware  
Solution Partner,  
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

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

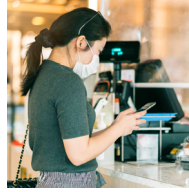
## SEWOO Handheld Terminal ensures efficient data management.

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.

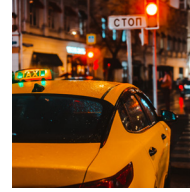
### Application



Delivery



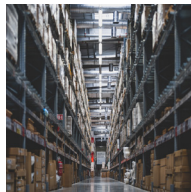
Retail



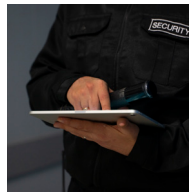
Transportation



Manufacturing



Logistics



Security



Public Services



Agriculture

### Handheld Terminal



NBP-65

### PRODUCT SPEC

SYSTEM CONFIGURATION	CPU	COMMUNICATION TRANSMISSION	WWAN (Network Frequency)	ASIA & EUROPE	AMERICA
	Octa-core 2.0 GHz				- 2G : B2/B3/B5/B8 - 3G : WCDMA : B1/B2/B5/B8 - CDMA&EVDO : BC0 / - TD-SCDMA : B34/B39 - 4G : FDD-LTE : B1/B3/B7/B8/B20 TDD-LTE : B38/B39/B40/B41/B34
OPERATING SYSTEM	Android 9.0				
MEMORY	Standard : 4GB RAM+64GB ROM Option : 2GB RAM+16GB ROM, 3GB RAM+32GB ROM		WWAN (DATA SERVICE)		- GSM/GPRS/EDGE/CDMA/UMTS/HSPA/HSPA+/EVDO/WCDMA/TD-SCDMA/TDD-LTE/FDD-LTE -Wi-Fi 802.11 a/b/g/n/r/ac (Dual-band 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)/(head 24mm thickness)
CAMERA	8 MPX camera in the back side, 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 : 8000mAh) lithium polymer battery Fast Charging scheme		OPERATING TEMP		-4°F~140°F (-20°C~60°C)
			STORAGE TEMP		-40°F~140°F (-40°C~60°C) battery included -40°F~158°F (-40°C~70°C) battery not included
NOTIFICATION	Vibrator alerts / LED / Audio notification		RELATIVE HUMIDITY		0~95% (Non-condensing)
AUDIO	Built-in microphone / Mini USB / Headphone connector		DROP RATING		4.9ft.(1.5m) to concrete
SENSOR	G-Sensor/Proximity sensor/Light sensor		DUST-AND WATER-RESISTANCE RATING		IP65
GMS (only GMS global certified)	PASSED		ELECTROSTATIC DISCHARGE		conforms to ±15kV air discharge, ±8kV direct discharge
NFC (OPTIONAL)		ACCESSORIES	STANDARD		Battery, Power adapter, Hand strap, Bottom charging cable,Power Adapter (5V, 2A)
	13.56 MHz / Within 30mm / ISO14443A / 14443B / 15693		OPTIONAL		USB Cable, Single cradle (device and battery), 4-slot device cradle & Battery cradle, Wrist Strap, Protective case (with wrist strap), Waist bag, Pistol grip (without UHF), Extended Battery, Screen protector (composite)

## Handheld Terminal



NBP-75

## PRODUCT SPEC

SYSTEM CONFIGURATION	PROCESSOR	COMMUNICATION TRANSMISSION	WWAN (Network Frequency)
	Octa-core 2.2 Ghz high-performance processor		2G : B2/B3/B5/B8 3G : WCDMA/B1/B2/B4/B5/B8 4G : FDD-LTE:B1/B2/B3/B4/B5/B7/B8/B12/ B17/B20/B28A/B28B/B66/ TDD-LTE:B34/B38/B39/B40/B41(190M)
OPERATING SYSTEM	Android 13.0 (AER)	WWAN (Data Service)	GSM/GPRS/EDGE/CDMA/UMTS/HSPA/HSPA+/ EVDO/WCDMA/TDD-LTE/FDD-LTE
MEMORY (ROM+RAM)	64GB + 4GB (Standard), 128GB+6/8/12GB (Optional)	WLAN FUNCTION	Wi-Fi 802.11 a/b/g/n/r/ac/ax 2.4Ghz+5Ghz
SIM	Two out of three SIM card slots, support dual-SIM dual-standby * Two out of three SIM card slots: two cards can be held at the same time, Nano SIM card + Nano SIM card /Nano SIM card + TF card	BLUETOOTH	Bluetooth 5.1, support BLE
EXPANSION SLOT	Micro SD card (up to 2 TB)	GPS	GPS/GIONASS/BDS/AGPS/Galileo/QZSS
DISPLAY SCREEN	5.5-inch, resolution: 1440*720 pixels IPS HD screen	DEVELOPMENT SUPPORT	PROGRAMMING LANGUAGE Java
TOUCH SCREEN	Industrial capacitive screen, support wet-hand operation/glove mode/multi-touch / gesture operation	DEVELOPMENT API	iScan API (Scanning Development Kits), Device API (Device Management/Configuration Development Kits), Android Standard Interface
CAMERA	13 megapixels rear camera, support PDAF; 5 megapixels front camera	DEVELOPMENT TOOL	Eclipse/Android Studio
FLASHLIGHT	1A high brightness flashlight	COMMUNICATION INTERFACE	USB INTERFACE Type-C (with headset function) *1
KEYPAD	5 keypads in total: scan key *2, power key *1, volume key *2	OTG INTERFACE	Support
AUDIO	Built-in dual microphone	SCANNING ENGINE	DS7000 Pro (Optional : DS7500/HS7/N5703/ N6703/N6803)
SENSORS	G-sensor/ Proximity sensor/Light sensor/ Gyroscope/High-precision barometer/ Electronic compass	BARCODE TYPE	It can scan 1D/2D barcode
BATTERY	4.4V lithium battery, with 5000mAh (Optional: Smart battery), detachable, back-up battery support	SCANNING ACCURACY	≥3.33mil
CHARGING METHOD	Type-C charging, support 9V/2A fast charging	SCANNING ANGLE	Pitch: ±60° ; Skew: ±45° ; Tilt: 360°
REMINDER	Vibration reminder/LED reminder/High power speaker	VIEW ANGLE	Horizontal: 44.3°, Vertical: 28.4°, Diagonal: 51°
VIBRATING MOTOR	Built-in vibrating motor	MOTION ERROR TOLERANCE	8m/s
INTERCOM FUNCTION (Optional)	Support one-button PTT calls	ACCESSORIES	Standard Accessories USB cable*1, hand strap*1, power adapter*1, device-back strap*1, battery*1
ENVIRONMENTAL PARAMETER	WORKING TEMPERATURE -20°C - 50°C *Do not charge under low temperature conditions for the safety concerns	Optional Accessories 2-in1 charging cradle, 4-slot Battery Charging Cradle, Protective cover, Protective film, Waist bag, Stylus pen, Pistol grip(only for straight type scanner), Multi-functional 5-slot Base, Single Charging Cradle	
	STORAGE TEMPERATURE -40°C - 70°C	NFC (STANDARD)	Working Frequency 13.56 MHz
	HUMIDITY 0 - 95% (no moisture condensation)	Reading Distance Within 35mm	
	DROP SPECIFICATION Multiple drops to concrete floor from the height of 1.5m	Communication Protocol ISO14443A/14443B/15693	
	ROLLER DROP SPECIFICATION 1000 times of roller drops from the height of 0.5 meter	STRUCTURE PARAMETER	Dimension (L*W*D) 162.2mm*78.5mm*15mm (the thickness point 25mm)
	INGRESS PROTECTION IP65, IP67(Optional)	Weight 263g (including the battery)	
	ESD PROTECTION ±15KV(air discharge), ±8KV(contactdischarge)		

## 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



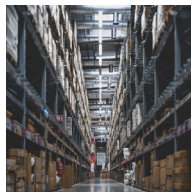
Retail



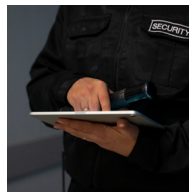
Transportation



Manufacturing



Logistics



Security



Public Services



Agriculture

### Enterprise Tablet



ST10



ST10N



ST11

### PRODUCT SPEC

**PHYSICAL CHARACTERISTICS**

	ST10	ST10N	ST11
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 3G: Band 2/4/5 4G LTE: Band 2/4/5/7/12/13/17/25/26/28/40/41/38/66
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) × 170mm(W) × 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 included 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.

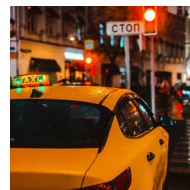
### Application



Delivery



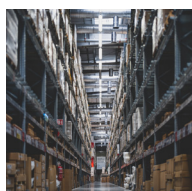
Construction



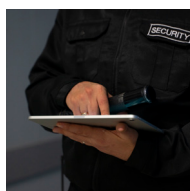
Transportation



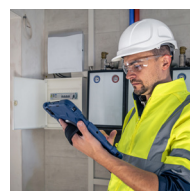
Manufacturing



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



BPR-08A



BPR-08W

PRODUCT SPEC

PHYSICAL CHARACTERISTICS	CPU	MT8788, 8core ARM® / Cortex-A73 MPCore™ up to 2.0GHz
	RAM/ROM	EMCP : 4GB+64GB (Optional) : 6GB+128GB)
	WIFI	802.11a/b/g/n/ac, Wireless AP ( Mobile AP ) 2.4G, 5G
	OS	Android 11
	GPS	Support Beidou+GPS+ glonass Capture sensitivity : -163 dBm
	TOUCH SCREEN	Support 10 points touch G+G Capacitive touch panel
	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
	NFC	ISO/IEC14443, ISO/IEC15693, MIFARE, Felica, Read distance : 3-5cm, Front
	SENSOR	1. Light Sensor 2. Proximity Sensor 3. Geomagnetism 4. Gyroscope 5. Accelerometer 6. Barocaptor
	PRODUCT SIZE / WEIGHT	228*137*13.3mm / 570g
	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
	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)
	SPEAKER	80, 1.5W x1
	BUTTON	Power, V+, V-, P, F, H
PROOF DEGREE	1. Waterproof IP65, but in fact is IP67 design 2. Drop 1.2m, 6 sides	
CERTIFICATION	1. Military 810G 2. EU CE, US FCC	
LIGHT TRANSMITTANCE		
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	
POGOPIN	Back 16PIN : USB2.0x1+UART RS232x1 Bottom 8PIN : USB2.0x1+UARTRS232x1+Chargerx1	
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

	<b>MT8788</b>
	MT8788, 8core ARM® / Cortex-A73 MPCore™ up to 2.0GHz
	EMCP : 4GB+64GB (Optional) : 6GB+128GB)
	802.11a/b/g/n/ac, Wireless AP ( Mobile AP ) 2.4G, 5G
	Android 11
	Support Beidou+GPS+ glonass Capture sensitivity : -163 dBm
	Support 10 points touch G+G Capacitive touch panel
	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
	ISO/IEC14443, ISO/IEC15693, MIFARE, Felica, Read distance : 3-5cm, Front
	1. Light Sensor 2. Proximity Sensor 3. Geomagnetism 4. Gyroscope 5. Accelerometer 6. Barocaptor
	228*137*13.3mm / 570g
	7800mAh/3.8V Play video duration : About 15 Hous (70% volume, 70% nit, Play 1080PHD video) Screen standby duration : About 200 Hous
	Built in unremovable Li-ion Polymer Battery
	8 inch / 1200*1920 / Min : 330nit, Typ : 350nit Max : 400nit / IPS Screen / Active Area :107.64(H) x 172.224(V)
	80, 1.5W x1
	Power, V+, V-, P, F, H
	1. Waterproof IP65, but in fact is IP67 design 2. Drop 1.2m, 6 sides
	1. Military 810G 2. EU CE, US FCC
	multi language
	Front Camera 5.0M + Rear Camera 13.0M (Support flash LED)
	BT 4.2
	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)
	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
	Back 16PIN : USB2.0x1+UART RS232x1 Bottom 8PIN : USB2.0x1+UARTRS232x1+Chargerx1

	<b>N5100</b>	<b>i5-8200Y</b>
	Intel N5100	Intel i5-8200Y
	4GB+64GB/8GB+256GB (optional)	8GB+256GB/16GB+512GB (optional)
	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
	Windows 10	
	BDS, GPS, GLONASS	
	10 point touch	
	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	
	ISO14443; TYPE A; Mifare 13.56 MHz, Distance: 7-15mm	
	1. Light sensor 2. Compass 3. Barocaptor	
	234*144*16.8mm / 700g	
	5000mAh; 7.7V Duration : 7 hours Standby time : 6 days	
	-	
	8 inch; 1200*1920; 400nits	
	1.5W x1	
	V+ -, Power, "F" for Barcode Scan / Customized Button: P,H	
	1. Anti-dust & Waterproof IP65-IP67 2. Dropping Resistance 1.2 meter	
	1. MIL-STD-810G 2. ISO 3. IP67 4. MSDS	
	Over 90%	
	multi language	
	Front Camera 5.0M + Rear Camera 13.0M (Support flash LED)	
	BT 4.2	
	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)	
	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	
	Back pogopin: USB 2.0 Charging RS232 Bottom pogopin: USB 2.0 Charging RS232	
	Support	
	Support	
	Support	
	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-10IIV

PRODUCT SPEC

PHYSICAL CHARACTERISTICS	CPU	i5,i7
	OS	Windows 10 pro
	NFC	13.56 MHz, Distance: 7-15mm, ISO14443 TYPE A
	RAM/ROM	8GB/256GB (optional : 8/512GB, 16/512GB)
	WIFI	802.11a/b/g/n/ac, Wireless AP ( Mobile AP )2.4G, 5G
	GPS	Support Beidou+GPS+GLONASS Capture sensitivity : -163 dBm Cold start : 35seconds Hot start : 1seconds
	BLUETOOTH	BT4.2
	LCD	10.1 inch, 1200*1920, Max 500nit, IPS Screen
	POWER AND BATTERY	6000mAh , 7.6V Play video duration : 8H Screen standby duration : 9H
	BUTTON	Power, V+ , V- , P, F, H
	CERTIFICATION	1. MIL-STD-810G, 2. EU CE, 3. US FCC
	HIGH PRECISION GPS	-
	TEMPERATURE	Storage Temperature: -25 °C to 80 °C / Operation Temperature: -20 °C to 60 °C
	TOUCH SCREEN	10 Point Touch / Support stylus
	CAMERA	Front Camera 5.0M+Rear Camera 13M.0M
SPEAKER	8Ω, 1.5Wx1	
SIZE / WEIGHT	275*178*18mm / 1100g	
LANGUAGE	Multi Language	
SENSOR	1. Light sensor, 2. Gravity sensor	
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	
POGOPIN	Back 16PIN : USB 2.0 x1 + UART TTL x1 Bottom 8PIN : USB 2.0 x1 + UART TTL x1 + Charger x1	
CASING MATERIAL	ABS/PC/Rubber TPU/Aluminum	
PROOF DEGREE	1. Waterproof IP54 2. Drop 1.2m, 6 sides	
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)

	i5,i7
	Intel i5-8200Y / (optional : i7-8500Y)
	windows 10 pro
	13.56 MHz, Distance: 7-15mm, ISO14443 TYPE A
	8GB/256GB (optional : 8/512GB, 16/512GB)
	802.11a/b/g/n/ac, Wireless AP ( Mobile AP )2.4G, 5G
	Support Beidou+GPS+GLONASS Capture sensitivity : -163 dBm Cold start : 35seconds Hot start : 1seconds
	BT4.2
	10.1 inch, 1200*1920, Max 500nit, IPS Screen
	6000mAh , 7.6V Play video duration : 8H Screen standby duration : 9H
	Power, V+ , V- , P, F, H
	1. MIL-STD-810G, 2. EU CE, 3. US FCC
	-
	Storage Temperature: -25 °C to 80 °C / Operation Temperature: -20 °C to 60 °C
	10 Point Touch / Support stylus
	Front Camera 5.0M+Rear Camera 13M.0M
	8Ω, 1.5Wx1
	275*178*18mm / 1100g
	Multi Language
	1. Light sensor, 2. Gravity sensor
	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
	Back 16PIN : USB 2.0 x1 + UART TTL x1 Bottom 8PIN : USB 2.0 x1 + UART TTL x1 + Charger x1
	ABS/PC/Rubber TPU/Aluminum
	1. Waterproof IP54 2. Drop 1.2m, 6 sides
	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

	Z8350
	Intel cherry trail Z8350, 1.44Ghz-1.92Ghz
	windows 10 pro
	ISO/IEC14443, ISO/IEC15693, MIFARE, Felica, Read distance: 3-5cm, Front
	4GB/64GB
	802.11a/b/g/n/ac Wireless AP ( Mobile AP )2.4G, 5G
	Support Beidou+GPS+GLONASS / Capture sensitivity : -163 dBm / Cold start : 35seconds / Hot start : 1seconds
	BT4.0, Transmission distance : 8 meter
	10.1 inch, 1200*1920, Max 500nit, IPS Screen
	Main battery : 12000mAh / Voltage 3.8 Vdc (45.6Wh), Secondary battery : 2550mAh Play video duration : 7hours Screen standby duration : 5days
	Power, V+ , V- , P, F, H
	1. MIL-STD-810G, 2. EU CE, 3. US FCC
	-
	Storage Temperature: -25 °C to 80 °C / Operation Temperature: -20 °C to 60 °C
	10 Point Touch / Support stylus
	Front Camera : 2.0M + Rear Camera : 5M.0M
	8Ω, 1.5Wx1
	275*178*18mm / 1040g
	Multi Language
	1. Light sensor, 2.Gravity sensor
	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
	Back 16PIN : USB 2.0 x1 + UART TTL x1 Bottom 8PIN : USB 2.0 x1 + UART TTL x1 + Charger x1
	ABS/PC/Rubber TPU/Aluminum
	1. Waterproof IP65 2. Drop 1.2m, 6 sides
	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

	N5100
	Intel N5100 Quad Core, 1.1GHz
	Windows 10 Home/Pro/lot
	13.56 MHz, Distance: 7-15mm, ISO14443, TYPE A, Mifare
	8GB/256GB (optional : 4GB/64GB)
	802.11a/b/g/n/ac Wireless Internet Wireless AP ( Mobile AP )2.4G, 5G, Intel Stone Peak 3165
	BDS, GPS, GLONASS
	4.2 version
	10.1 inch, 1200*1920, 500nits IPS Screen; 1000nits(800*1280) Optional
	6000mAh, 7.6V Play video duration : 8hours Screen standby duration : 4days
	V+ -, Power, "F" for Barcode Scan Customized Button: P,H
	1. MIL-STD-810G, 2. ISO, 3. IP67, 4. MSDS, 5.CE, 6.FCC
	Optional : UM960, TU101
	Storage Temperature: -25 °C to 80 °C / Operation Temperature: -20 °C to 60 °C
	10 Point Touch / Support stylus
	Front: 5MP, Rear: 13MP
	1.5 Watt
	273*172*20mm / 1100g
	Multi Language
	1. Light sensor, 2. Compass, 3. Baroreceptor
	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
	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
	ABS/PC/Rubber TPU/Aluminum
	Anti-dust & Waterproof IP65 Dropping Resistance 1.2 meter

## Industrial Tablet



## PRODUCT SPEC

	MT6789	MT8788	RK3399
PHYSICAL CHARACTERISTICS			
CPU	MTK MT6789 Octa Core 2.2GHz	MTK MT8788 8core ARM® Cortex-A73 MPCore™ 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 internet 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 Baidou, GPS, GLONASS, Galileo		
TEMPERATURE	Storage 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. Baroreceptor		
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 pogo-pin: USB 2.0 Charging RS232 / Back pogo-pin: 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 Binch), 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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# sewoo

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