

sewoo

10.1inch Tablet PC for Industrial

# BPR-10IIA



- 1,000 Mbps Ethernet
- CE, IP65 Certificate
- FHD LCD multi-touch screen
- 8GB Memory, 256GB Storage
- Various accessories as hand strap, docking station ...etc. (Optional)
- Best fits for harsh working environments assuring a great performance
- WiFi 802.11a/b/g/n/ac/ax 2.4G, 5G, Support WIFI 6
- Long battery life with 12,000mAh
- MT6877 Octa Core 2.4GHz



WiFi



Bluetooth



Barcode



Portable



Durable



Rugged  
Design



Drop  
Resistant



Wireless  
Connectivity



Easy  
Maintenance



Improved  
Battery Life

## APPLICATION



## SPECIFICATIONS



### Physical specification

#### CPU

MT6877 Octa Core 2.4GHz

#### OS

Android 15.0 / Support GMS

#### RAM/ROM

8GB/256GB

16GB/512GB Optional

#### LCD

10.1 inch / 1200\*1920 / 450nits

IPS Screen

#### Touch screen

10 Point Touch / Support stylus

#### Camera

Front: 8MP / Rear: 16MP

Rear camera with Flash light

#### Power and battery

Main Battery: 12000mAh / voltage 3.8Vdc (45.6Wh)

Secondary battery: 2400mAh

DC 5V 3A ⚡ 3.5mm

Support PD 18W fast charging

#### WWAN

5G : N1/N5/N8/N28AB/N78/N41

FDD\_LTE: B1/B2/B3/B4/B5/B7/B8/B12/B17/B20/B28

TDD\_LTE: B34/B38/B39/B40/B41/B66

WCDMA: 850/900/1900/2100

CDMA2000: BCO

TD-SCDMA: B34/B39

GSM: 850/900/1800/1900

#### GPS

BDS, GPS, GLONASS

#### FM

Support

#### Speaker

1.5 Watt

Reserved dual speaker interface

#### WIFI

802.11a/b/g/n/ac/ax Wireless Internet

Wireless AP ( Mobile AP )2.4G, 5G;

support Wifi 6

Module : MT6631N/B

#### Bluetooth

5.2 Version, backward compatible

#### NFC

13.56 MHz

ISO14443 TYPE A; Mifare

#### Size

273\*172\*20mm

#### Weight

1.1kg

#### Language

Multi language

#### Sensor

1. Light Sensor

2. Geomagnetic Sensor

3. Barometric Sensor

4. G-Sensor

5. Acceleration Sensor

6. Gyroscope

7. Distance Sensor

8. Vibrate (motor)

#### Interface/In,Out Port

1. Type-C \*1; OTG, 2. SIM Card Slot\*1

3. TF Card Slot\*1, 4. Earphone\*1

5. DC\*1; 3.5\*12mm, 6. USB 2.0 \*1

7. RJ45\*1, 8. RS232\*1

Bottom pogopin: USB 2.0; Charging; RS232

Back pogopin: USB 2.0; RS232

EDP interface

Reserved interface

#### Casing Material

ABS/PC

#### Button

V+ -, Power, "F" for Barcode Scan

Customized Button: P,H

#### 1D/2D Barcode

Honeywell N4680 Optional

#### UHF RFID

M-500 Optional

- American standard M-500 (902Mhz – 928Mhz)

External: card reading distance of 3-5M

- European standard M-500 (865MHz – 868MHz)

External: Card reading distance of 3-5M

M-301 Optional

- American standard M-301 (902Mhz – 928Mhz)

External: card reading distance of 5-8M

- European standard M-301 (865MHz – 868MHz)

External: Card reading distance of 5-8M

#### Fingerprint

AFM60 Optional

#### High Precision GPS

UM960 Optional

#### Multi-Media (Hardware Decoding)

1. Photo Viewer: BMP, JPG, GIF, PNG

2. Video Format: MEPG 1/2/4,H.263/H.264,RMVB, WMV/VC-1,MVC,AVS,MJPEG. (UP TO 1080P)

3. Audio Format: MP3,WMA,WAV,OGG,FLAC,ALAC, APE,AAC,AC-3,DTS (need license)

#### Proof Degree

Anti-dust & Waterproof IP65

Dropping Resistance 1.2 meter

#### Certification

CE, FCC, NOM

#### Temperature

Storage Temperature: -25 °C to 80 °C

Operation Temperature: -20 °C to 55 °C

#### Accessories

1. Blue Box

2. DC Charger (5V 3A)

3. Carry strap

4. Bag & Screw

5. Wrist strap

Optional:

1. Docking Station

2. Car Holder

3. Car Docking

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- WiFi 802.11a/b/g/n/ac 2.4G, 5G
- Long battery life with 12,000mAh
- MTK MT6789 Octa Core 2.2GHz



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## APPLICATION



## SPECIFICATIONS



### Physical specification

#### CPU

MTK MT6789 Octa Core 2.2GHz

#### OS

Android 13.0 / Support GMS

#### RAM/ROM

8GB/256GB

12GB/256GB Optional

#### LCD

10.1 inch / 1200\*1920 / 450nits

IPS Screen

#### Touch screen

10 Point Touch / Support stylus

#### Camera

Front: 5MP / Rear: 13MP

Rear camera with Flash light

#### Power and battery

12000mAh 3.8V, Lithium Ion Battery

Duration: 19 hours

Standby time: 15 days

#### 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

#### GPS

BDS, GPS, GLONASS

#### WIFI

802.11a/b/g/n/ac Wireless Internet

Wireless AP (Mobile AP) 2.4G, 5G

AP6255

#### Bluetooth

5.0 Version

#### NFC

13.56 MHz, Distance: 7-15mm

ISO14443; TYPE A; Mifare

#### Speaker

1.5 Watt

#### Size

273\*172\*20mm

#### Weight

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

Bottom pogopin: USB 2.0; Charging; RS232

Back pogopin: USB 2.0; Charging; RS232

#### Casing Material

ABS/PC

#### Button

V+ -, Power, "F" for Barcode Scan

Customized Button: P,H

#### Accessories

1. Blue Box, 2. DC Charger (5V 3A)

3. Carry strap, 4. Bag & Screw, 5. Wrist strap

Optional:

1. Docking Station, 2. Car Holder, 3. Car Docking

#### 1D/2D Barcode

Honeywell N4680-- Optional

PDF417, MicroPDF417, Data Matrix, Data Matrix Inverse,

Maxicode, QR Code, MicroQR, QR Inverse, Aztec,

Aztec Inverses, Han Xin, Han Xin Inverse

#### UHF RFID

M500, Distance: 3-6M; built-in or external --Optional

Optional :

Built-in (EU/US): output power range: 18-26 dBm

receiving sensitivity < -70dBm

card reading distance: 2-3 meters

External (EU/US): output power range: 18-26 dBm

receiving sensitivity < -70dBm

card reading distance: 4-5 meters

#### Fingerprint

AMF60-- Optional

Fingerprint Capacity: Standard 500 pieces

Recognition time: <0.45 seconds

Identification method: 1:N identification or 1:1 verification

#### High Precision GPS

UM960; TU101 ---Optional

Centimeter level, support Beidou, GPS, GLONASS, Galileo

#### Multi-Media (Hardware Decoding)

1. Photo Viewer: BMP, JPG, GIF, PNG

2. Video Format: MPEG 1/2/4, H.263/H.264,

RMVB, WMV/VC-1, MVC, AVS, MJPEG. (UP TO 1080P)

3. Audio Format: MP3, WMA, WAV, OGG, FLAC, ALAC,

APE, AAC, AC-3, DTS (need license)

#### Proof Degree

Anti-dust & Waterproof IP65

Dropping Resistance 1.2 meter

#### Certification

1. MIL-STD-810G

2. ISO

3. IP65

4. MSDS

5. CE

6. FCC

#### Temperature

Storage Temperature: -25 °C to 80 °C

Operation Temperature: -20 °C to 60 °C

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- Various accessories as hand strap, docking station ...etc. (Optional)
- Best fits for harsh working environments assuring a great performance
- WiFi 802.11a/b/g/n/ac 2.4G, 5G
- Long battery life with 12,000mAh
- MTK MT8788 Cortex-A73 MPCore™ up to 2.0GHz



WiFi



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Rugged  
Design



Drop  
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Wireless  
Connectivity



Easy  
Maintenance



Improved  
Battery Life

## APPLICATION



## SPECIFICATIONS



### Physical specification

#### CPU

MTK MT8788  
8core ARM® Cortex-A73 MPCore™ up to 2.0GHz

#### OS

Android 11.0

#### RAM/ROM

4GB / 64GB  
6GB / 128GB; 8GB / 256GB Optional

#### LCD

10.1 inch, 1200\*1920, 450nits  
IPS Screen, 1000nits(800\*1280) Optional

#### Touch screen

10 point touch, Support stylus

#### Camera

Front: 5MP, Rear: 13MP  
Rear camera with Flash light

#### Power and battery

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)

#### WWAN

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: BCO  
TD-SCDMA: B34/B39  
GSM: B2/B3/B5/B8

#### GPS

BDS, GPS, GLONASS

#### WIFI

802.11a/b/g/n/ac,  
Wireless AP ( Mobile AP )2.4G, 5G  
AP6255

#### Bluetooth

4.2 Version

#### NFC

13.56 MHz, Distance: 7-15mm  
ISO14443, TYPE A, Mifare

#### Speaker

1.5 Watt

#### Size

273\*172\*20mm

#### Weight

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 (10/100M)\*1,  
8. RS232\*1  
Bottom pogopin: USB 2.0; Charging; RS232  
Back pogopin: USB 2.0; Charging; RS232

#### Casing Material

ABS / PC

#### Button

V+ -, Power, "F" for Barcode Scan  
Customized Button: P,H

#### 1D/2D Barcode

Honeywell N4680 Optional  
PDF417, MicroPDF417, Data Matrix,  
Data Matrix Inverse, Maxicode, QR Code,  
MicroQR, QR Inverse, Aztec, Aztec Inverses,  
Han Xin, Han Xin Inverse

#### Fingerprint

AMF60 Optional  
Fingerprint Capacity: Standard 500 pieces  
Recognition time: <0.45 seconds  
Identification method: 1:N identification or 1:1 verification

#### High Precision GPS

UM960; TU101 Optional  
Centimeter level, support Beidou, GPS,  
GLONASS, Galileo

#### Accessories

1. Blue Box, 2. DC Charger (5V 3A)  
3. Carry strap, 4. Bag & Screw, 5. Wrist strap  
Optional:  
1. Docking Station, 2. Car Holder, 3. Car Docking

#### Proof Degree

Anti-dust & Waterproof IP65  
Dropping Resistance 1.2 meter

#### Certification

1. MIL-STD-810G, 2. ISO,  
3. IP65, 4. MSDS

#### UHF RFID

M500, Distance: 3-6M; built-in or external Optional  
Optional :  
Built-in (EU/US):  
output power range: 18-26 dBm  
receiving sensitivity < -70dBm  
card reading distance: 2-3 meters  
External (EU/US):  
output power range: 18-26 dBm  
receiving sensitivity < -70dBm  
card reading distance: 4-5 meters

#### Multi-Media (Hardware Decoding)

1. Photo Viewer: BMP, JPG, GIF, PNG  
2. Video Format:  
MEPG 1/2/4, H.263/H.264, RMVB, WMV/VC-1,  
MVC, AVS, MJPEG. (UP TO 1080P)  
3. Audio Format:  
MP3, WMA, WAV, OGG, FLAC, ALAC, APE, AAC,  
AC-3, DTS (need license)

#### Temperature

Storage Temperature: -25 °C to 80 °C  
Operation Temperature: -20 °C to 60 °C

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- WiFi 802.11a/b/g/n/ac 2.4G, 5G
- FHD LCD multi-touch screen
- 4GB Memory, 64GB Storage
- Various accessories as hand strap, docking station ...etc. (Optional)
- Best fits for harsh working environments assuring a great performance
- Long battery life with 12,000mAh
- HDMI1.4 (Support 4K@60fps output)
- RK3399 6 Core 1.8GHz A72



WiFi



Bluetooth



Barcode



Portable



Durable



Rugged  
Design



Drop  
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Connectivity



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Battery Life

## APPLICATION



## SPECIFICATIONS



### Physical specification

#### CPU

RK3399 6 Core 1.8GHz, A72

#### OS

Android 10

#### RAM/ROM

4GB+64GB

#### LCD

10.1 inch, 1200\*1920

500 nits sunshine readable

#### Touch screen

10 Point touch, Support stylus

#### Camera

5M/13M, Flash

#### Power and battery

12000mAh 3.8V, Lithium Ion Battery

Duration: 19 hours

Standby time: 15 days

3.5\*1.35mm, 5V 3A DC in put

Magnetic charger

#### WWAN

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

#### Sensor

1. light sensor, 2. compass,

3. gravity, 4. acceleration,

5. baroreceptor

#### Language

Multi language

#### GPS

Baidou, GPS, GLONASS

#### WIFI

802.11a/b/g/n/ac Wireless internet Wireless

AP (Mobile AP) 2.4G, 5G

#### Bluetooth

4.0 Version

#### NFC

13.56 MHz, Distance 5cm or above

#### Speaker

1.5 Watt

#### Size

275\*178\*18mm

#### Multi-media (Hardware decoding)

Photo Viewer : BMP, JPG, GIF, PNG

Video Format : MPEG 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. normal USB\*1

2. Micro USB\*1

3. RJ45\*1

4. bottom pogopin\*1, USB and serial

5. back pogopin\*1

6. DC\*1 3.5\*1.35

7. microphone+earphone

8. RS232\*1

9. HDMI\*1

10. micro SD \*1

11. SIM card slot \*1

#### Pogopin definition

1. 16pin back of cover, include

(1USB, 1 RS232, 1 UART, 3.3V, 5V OUT)

2. 8pin in bottom; (1USB, 1 RS232, 1 UART)

VESA hole 75\*75mm or 90\*90mm

#### Casing material

ABS / PC

#### Button

V+ -, Power, P, F, H

#### Standard accessories in gift box

1. USB cable

2. charger (4-in-1)

3. handstrap

4. handstring

5. white box, no logo

#### Optional accessories

1. car docking

2. extra battery

3. screen protective film

4. car holder

5. docking station

6. car charger

#### Proof rate

1. water proof IP65

2. Drapping proof 1.2 meter

#### Temperature

Storage Temperature: -25 °C to 80 °C

Operation Temperature: -20 °C to 60 °C

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