

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 2.4G, 5G
- 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: 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

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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- Best fits for harsh working environments assuring a great performance
- WiFi 802.11a/b/g/n/ac 2.4G
- Long battery life with 12,000mAh
- MTK MT6789 Octa Core 2.2GHz



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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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- 4GB Memory, 64GB 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 2.4G
- Long battery life with 12,000mAh
- MTK MT8788 Cortex-A73 MPCore™ up to 2.0GHz



WiFi



Bluetooth



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Drop
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Connectivity



Easy
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Improved
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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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- 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
Resistant



Wireless
Connectivity



Easy
Maintenance



Improved
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 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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