

# sewoo

## 10.1inch Tablet PC for Industrial

# BPR-1011W



- IP65 Certificate
- Long battery life with 10,500mAh
- 4GB+64GB Memory
- 10/100/1000M Ethernet
- HDMI, RS 232\*1, USB 2.0\*1, USB 3.0\*1
- Intel cherry trail Z8350
- 10.1 inch 1920x1200 (IPS+HD+300ANSI)
- WiFi 802.11a/b/g/n/ac, 5G&2.4G Dual band
- Various accessories as hand strap, docking station ...etc. (Optional)
- Best fits for harsh working environments assuring a great performance



WIFI



Bluetooth



Barcode



Portable



Easy  
Maintenance



Durable



Rugged  
Design



Drop  
Resistant




Improved  
Battery Life

## APPLICATION



## SPECIFICATIONS

### Physical specification

<b>OS</b> Windows 10 Pro	<b>Product weight</b> 1040g	<b>Interface</b> Type-A : USB2.0 x1 Type-A : 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	<b>Battery type</b> Built in removable Li-ion Polymer Battery
<b>CPU</b> Intel cherry trail Z8350, 1.44Ghz-1.92GHZ	<b>Product size</b> 275x178x18mm	<b>Light sensor</b> Support	<b>Rated capacity</b> Main battery: 12000mAh / voltage 3.8Vdc (45.6Wh) Secondary battery: 2550mAh
<b>RAM/ROM</b> 4GB+64GB	<b>GPS</b> Support Beidou+GPS+glonass Capture sensitivity : -163 dBm Cold start : 35seconds Hot start : 1seconds	<b>Gravity sensor</b> Support	<b>Endurance time</b> Play video duration : About 7 Hours (70% volume, 70% nit, Play 1080P HD video) Play video duration : 7hours Screen standby duration : 5days
<b>Language</b> multi language	<b>NFC</b> ISO/IEC14443, ISO/IEC15693, MIFARE, Felica, Read distance: 3-5cm, Front	<b>Pogopin</b> Back 16PIN : USB 2.0 x1 + UART TTL x1 Bottom 8PIN : USB 2.0 x1 + UART TTL x1 + Charge x1	<b>Certification standards</b> 1. Military 810G 2. EU CE, US FCC
<b>Display Size</b> 10.1 inch	<b>Speaker</b> 8Ω, 1.5Wx1	<b>Photo viewer</b> BMP, JPG, GIF, PNG	
<b>Display Resolution</b> 1200x1920	<b>MIC</b> Sensitivity : -32±2d Output impedance 2.2kΩx1	<b>Video format</b> MEPG 1/2/4,H.263/H.264,RMVB,WMV/VC-1,MVC, AVS,MJPEG. (UP TO 1080P)	<b>Optional</b>  <b>Fingerprint module AFM60</b> Fingerprint capacity : Standard 500PCS Identification time : < 0.45 seconds Identification mode : 1:N identification or 1:1 verification
<b>Display Brightness</b> Min : 360nit Type : 450nit Max : 500nit	<b>TF card</b> Extended external storage x1	<b>Audio format</b> MP3,WMA,WAV,OGG,FLAC,ALAC,APE,AAC,AC-3,DTS (need license)	<b>N4680 series 2D scan engines</b> Reading code : PDF417, MicroPDF417, Data Matrix, Data Matrix Inverse Maxicode, QR Code, MicroQR, QR Inverse, Aztec, Aztec Inverses, Han Xin, Han Xin Inverse
<b>Display Viewing Angle</b> IPS	<b>Key</b> Power, V+, V-, P, F, H	<b>Operating temperature</b> -20°C~60°C	<b>High percision GNSS module TAU1201</b> Sub meter level, positioning accuracy : 0.25-1 seconds, Support Beidou, GPS, GLONASS; Capture sensitivity : -158 dBm; Cold start : 24seconds; Hot start : 1seconds
<b>Display Active Area</b> 135.36(H)x216.576(V)	<b>WIFI</b> 802.11a/b/g/n/ac, Wireless AP (Mobile AP) 2.4G, 5G	<b>Storage temperature</b> -25°C~80°C	<b>UHF RFID Exnternal (EU/US)</b> No built-in support, only external modules Optional : American standard M500 (902MHz – 928Mhz) External: card reading distance of 3-5M European standard M500 (865MHz – 868MHz) External: Card reading distance of 3-5M
<b>Bluetooth</b> 4.2 Version, Transmission distance: 8meter	<b>Touch Type</b> Capacitive touch panel	<b>Degree of protection</b> 1. Waterproof IP65 2. Drop 1.2m, 6 sides	
<b>Frequency bands</b> 1.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 2.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	<b>Touch Mode</b> Support 10 points touch G+G		
	<b>Light Transmittance</b> Over 90%		
	<b>Camera</b> Front Camera 2.0M+Rear Camera 5M.0M		

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## 10.1inch Tablet PC for Industrial

# BPR-1011W



- IP65 Certificate
- Long battery life with 6,000mAh
- 8GB+256GB Memory, 128GB Storage
- 1,000 Mbps Ethernet
- HDMI, RS232\*1, USB 3.0\*2
- Intel Jasper lake N5100 (Quad-Core)
- 10.1 inch 1920x1200 (IPS+HD+300ANSI)
- 802.11a/b/g/n/ac5G&2.4G Dual band
- Various accessories as hand strap, docking station ...etc. (Optional)
- Best fits for harsh working environments assuring a great performance



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## SPECIFICATIONS

### Physical specification

**OS**  
Windows 10 Pro/11 Pro

**CPU**  
Intel N5100 Quad Core; 1.1GHz

**RAM/ROM**  
8GB/256GB (Optional : 4GB/64GB)

**LCD**  
10.1 inch; 1200\*1920;  
IPS Screen; 1000nits(800\*1280) Optional

**Display Brightness**  
Min : 360nit  
Type : 450nit  
Max : 500nit

**Touch screen**  
10 point touch  
support stylus

**Camera**  
Front: 5MP; Real: 13MP

**Power and battery**  
6000mAh; 7.6V  
Play video duration : 8 hours  
Screen standby duration : 4 days

**WWAN**  
1.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  
2.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

**WiFi**  
802.11a/b/g/n/ac Wireless Internet Wireless AP  
( Mobile AP )2.4G, 5G  
Intel Stone Peak 3165

**GPS**  
BDS, GPS, GLONASS

**Bluetooth**  
4.2 Version

**Size**  
273\*172\*20mm

**Weight**  
1.1 kg

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

**Speaker**  
1.5 watt

**Sensor**  
1. Light sensor / 2. Compass / 3. Baroceptor

**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)

**Language**  
Multi language

**Interface in/out port**  
1. HDMI\*1  
2. SIM Card Slot\*1  
3. TF Card Slot\*1; Max Support 128G  
4. Earphone\*1  
5. DC\*1; 3.5\*12mm  
6. USB 3.0 \*2  
7. RJ45\*1  
8. RS232\*1  
Pogopin definition:  
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\*90mmt

**Casing material**  
ABS/PC/rubber TPU/aluminum

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

**1D/2D Barcode**  
Honeywell N4680 / optional

**UHF RFID**  
Optional  
No built-in support, only external modules

American standard M500 (902Mhz – 928Mhz)  
External: card reading distance of 3-5M

European standard M500 (865MHz – 868MHz)  
External: Card reading distance of 3-5M

**Fingerprint**  
AMF60 / optional

**High precision GPS**  
UM960; TU101 Optional

**Accessories**  
1. Blue Box 2. DC Charger (12V 4A) 3. Carry strap  
4. Bag & Screw 5. Wrist strap  
Optional: 1. Docking Station 2. Car Holder 3. Car Docking

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

**Certification**  
1. MIL-STD-810G 2. ISO 3. IP67  
4. MSDS 5.CE 6.FCC

**Proof degree**  
1. Anti-dust & Waterproof IP65  
2. Dropping Resistance 1.2 meter

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## 10.1inch Tablet PC for Industrial

# BPR-1011W



- Windows 11 Pro
- Up to 64GB Memory, 512GB SSD
- Wi-Fi 6 & Bluetooth 5.2, NFC
- Front 5MP & Rear 8MP Camera
- IP54, MIL-STD-810G, 1.2m Drop-proof
- Intel 12th Gen i5/i7 CPU (10 cores, turbo 4.7GHz)
- 10.1" FHD IPS Display (1920×1200, 450 nits)
- 6,000mAh Battery, 65W Fast Charging (up to 6 days standby)
- Rich I/O: HDMI, USB-A×2, USB-C (PD/DP/Charging/Data), RS232
- Optional: UHF RFID, 1D/2D Barcode, Fingerprint, High-Precision GPS



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Battery Life

## APPLICATION



## SPECIFICATIONS

### Physical specification

#### OS

Windows 10 Pro/11 Pro

#### CPU

Intel I5-1235U

10 cores, 12 threads/basic frequency 1.3GHz,  
turbo 4.7GHz/power consumption 15W

I7-1255U Optional

10 cores, 12 threads/basic frequency 1.7GHz,  
turbo 4.7GHz/power consumption 15W

#### GPU

Intel® Iris® Xe Graphics 80EU/

I7: Intel® Iris® Xe Graphics 96EU

#### RAM/ROM

RAM :

- LPDDR5 496 Ball

- I5 : 8GB/16GB (Maximum 64GB)

- I7 : 16GB/32GB (Maximum 64GB)

ROM :

- M.2 2242 SATA (C500)

- 128GB/256GB/512GB

#### LCD

10.1 inch; 1200\*1920; 450nits

#### Touch screen

10 point touch, support stylus

#### Camera

Front: 5MP; Real: 8MP

#### Power

6000mAh . 7.6V lithium battery (45.6Wh)

Charging time: 2H30min

Usage time: 5H30min

(50% volume, 60% brightness, playing local 1080P video)

Standby time: about 6 days(screen off standby)

DC4.0, 12V DC input

Supports Type-C 65W fast charging

#### 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

#### GPS

BDS, GPS, GLONASS

#### WiFi/Bluetooth

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

Wireless AP ( Mobile AP )2.4G, 5G

Bluetooth : 5.2 Version

- Intel® Wi-Fi 6 AX201 (WiFi/Bluetooth 2-in-1)

#### NFC

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

#### MIC

Sensitivity: -32±2d

Output Impedance: 2.2kΩx1

#### Speaker

8Ω 1.5 Watt

#### Sensor

1. Light Sensor / 2. Acceleration Sensor / 3. G-Sensor

#### Size

273\*172\*20mm

#### Weight

1190±50g

#### Language

Multil language

#### Interface In/Out Port

1. DC\*1; 4.0\*15mm

2. HDMI Type A x1, Audio and video output

3. USB Type\_A : USB3.2 Gen1 x2

4. USB Type\_C : USB3.2 Gen1 x1(type-c include PD, DP,  
Data transmission, Charging)

5. Earphone : ϕ 3.5mm headphone jack x1

6. RJ45 : Support Gigabit Ethernet

7. RS232 : Standard DB9

Bottom pogopin: USB 2.0; Charging; RS232

Back pogopin: USB 2.0; RS232

#### Button

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

Customized Button: P,H (Default No Functionality)

#### 1D/2D Barcode

Honeywell N4680 optional

#### UHF RFID

Optional

No built-in support, only external modules

American standard M500 (902Mhz – 928Mhz)

External: card reading distance of 3-5M

European standard M500 (865MHz – 868MHz)

External: Card reading distance of 3-5M

#### Fingerprint

AMF60 optional

#### High precision GPS

UM960 Optional

#### Accessories

1. Blue Box / 2. DC Charger (12V 4A) / 3. Carry strap /

4. Screw / 5. Wrist strap

Optional:

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

#### 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)

#### Temperature

Storage Temperature: -25 °C to 80 °C

Operation Temperature: -20 °C to 55 °C

#### Certification

1. MIL-STD-810G

2. ISO-9001

3. CE, FCC, 3C

#### Proof degree

Anti-dust & Waterproof IP54

Dropping Resistance 1.2 meter

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## 10.1inch Tablet PC for Industrial

# BPR-1011W



- Intel i5-8200Y / (optional : i7-8500Y)
- Long battery life with 6,000mAh
- IP54 Certificate
- 10/100/1000M Ethernet
- HDMI, RS232\*1, USB 3.0\*2
- 4GB+64GB / (optional : 8+512GB / 16+512GB) Memory
- 10.1 inch 1200x1920 (IPS+HD+300ANSI)
- WiFi 802.11a/b/g/n/ac, 5G&2.4G Dual band
- Various accessories as hand strap, docking station ...etc. (Optional)
- Best fits for harsh working environments assuring a great performance



WIFI



Bluetooth



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Portable



Easy  
Maintenance



Durable



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Design



Drop  
Resistant



Improved  
Battery Life

## APPLICATION



## SPECIFICATIONS

### Physical specification

**OS**  
Windows 11 Pro

**CPU**  
Intel i5-8200Y / (optional : i7-8500Y)

**RAM/ROM**  
8GB+256GB / (optional : 8+512GB / 16+512GB)

**Language**  
Multi language

**Display Size**  
10.1 inch

**Display Resolution**  
1200x1920

**Display Brightness**  
Min : 360nit  
Type : 450nit  
Max : 500nit

**Display Viewing Angle**  
IPS

**Display Active Area**  
135.36(H)x216.576(V)

**Frequency bands**  
1.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  
2.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

**Product weight**  
1100g

**Product size**  
275x178x18mm

**GPS**  
Support Beidou+GPS+glonass  
Capture sensitivity : -163 dBm  
Cold start : 35seconds  
Hot start : 1seconds

**NFC**  
ISO/IEC14443, ISO/IEC15693, MIFARE, Felica,  
Read distance: 3-5cm, Front

**Speaker**  
8Ω, 1.5Wx1

**MIC**  
Sensitivity : -32±2d  
Output impedance 2.2kΩx1

**Key**  
Power, V+, V-, P, F, H

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

**Bluetooth**  
4.2 Version

**Touch Type**  
Capacitive touch panel

**Touch Mode**  
Support 10 points touch G+G

**Light Transmittance**  
Over 90%

**Camera**  
Front Camera 5.0M+Rear Camera 13M.0M

**Interface**  
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

**Light sensor**  
Support

**Gravity sensor**  
Support

**Pogopin**  
Back 16PIN : USB 2.0 x1 + UART TTL x1  
Bottom 8PIN : USB 2.0 x1 + UART TTL x1 + Charge x1

**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)

**Operating temperature**  
-20 °C~60 °C

**Storage temperature**  
-25 °C~80 °C

**Degree of protection**  
1. Waterproof IP54  
2. Drop 1.2m, 6 sides

**Certification standards**  
1. Military 810G  
2. EU CE, US FCC

**Battery type**  
Built in removable Li-ion Polymer Battery

**Rated capacity**  
6000mAh / Voltage 7.6Vdc(45.6Wh)  
Charging time: about 4 hours  
Usage time: 7H30min  
(50% volume, 60% brightness, playing local 1080P video)  
Standby time: about 4 days (screen off standby)

### Optional

**Fingerprint module AFM60**  
Fingerprint capacity : Standard 500PCS  
Identification time : < 0.45 seconds  
Identification mode : 1:N identification or 1:1 verification

**N4680 series 2D scan engines**  
Reading code : PDF417, MicroPDF417, Data Matrix, Data Matrix  
Inverse Maxicode, QR Code, MicroQR, QR Inverse,  
Aztec, Aztec Inverses, Han Xin, Han Xin Inverse

**High percision GNSS module TAU1201**  
Sub meter level, positioning accuracy : 0.25-1 seconds,  
Support Beidou, GPS, GLONASS; Capture sensitivity : -158 dBm;  
Cold start : 24seconds; Hot start : 1seconds

**UHF/RFID External (EU/US)**  
No built-in support, only external modules  
Optional : American standard M500 (902Mhz – 928Mhz)  
External: card reading distance of 3-5M  
European standard M500 (865MHz – 868MHz)  
External: Card reading distance of 3-5M

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