

sewoo

8 inch Rugged Tablet PC

# BPR-08A



- Support for Android 11 system
- 7800mAh battery, 6-8 hours of machine endurance
- IP67 high protection level, in accordance with MIL-STD-810G
- Support GPS, more accurate positioning
- Rear 13 million pixel auto focus camera, easy to collect image and video information
- Support 1D/2D, NFC and other functional modules for free selection
- Optional 3G/4G all network communication, WiFi, Bluetooth and other communication modes



WiFi



Bluetooth



Barcode



Portable



Durable



Rugged  
Design



Drop  
Resistant



Easy  
Maintenance



Improved  
Battery Life

## APPLICATION



## SPECIFICATIONS



### Physical Specification

#### CPU

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

#### OS

Android 11

#### RAM/ROM

EMCP : 4GB+64GB (Optional : 6GB+128GB)

#### Language

multi language

#### Size

8 inch

#### Resolution

1920\*1200

#### Brightness

Min : 330nit

Typ : 350nit

Max : 400nit

#### Viewing Angle

IPS

#### Active Area

107.64(H) x 172.224(V)

#### Touch Type

Capacitive touch panel

#### Touch Mode

Support 10 points touch G+G

#### Light Transmittance

Over 90%

#### Camera

Front Camera 5.0M + Rear Camera 13.0M

(Support flash LED)

#### GPS

Support Beidou+GPS+glonass

Capture sensitivity : -163 dBm

#### NFC

ISO/IEC14443, ISO/IEC15693, MIFARE, Felica,

Read distance : 3-5cm, Front

#### Speaker

8Ω , 1.5W x1

#### MIC

Sensitivity : -32±2dB , Output impedance 2.2kΩx1

#### TF Card

Extended external storage x1

#### Key

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

#### Product Weight

570g

#### Product Size

228 x 137 x 13.3mm

#### WiFi

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

#### Bluetooth

BT4.2

#### Frequency Bands

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 : B0

TD-SCDMA : B34/B39

GSM : B2/B3/B5/B8

#### Type-A

USB2.0 x1

#### Type-C

Download/Charge x1

#### RJ45 Ethernet

10/100M(USB3.0 Transfer) x1

#### 3.5mm Headphone interface

Ø3.5mm Standard headphone interface x1

#### RS232

(Miniusb Transfer) x1

#### DC power Interface

DC 5V 3A Ø3.5mm power interface x1

#### Light Sensor

Support

#### Proximity Sensor

Support

#### Geomagnetism

Support

#### Gyroscope

Support

#### Accelerometer

Support

#### Baroceptor

Support

#### Back 16PIN

USB2.0x1+UART RS232x1

#### Bottom 8PIN

USB2.0x1+UART RS232x1+Charger 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)

#### Degree of Protection

1. Waterproof IP65 , but in fact is IP67 design

2. Drop 1.2m, 6 sides

#### Certification Standards

1. Military 810G

2. EU CE, US FCC

#### Operating Temperature

-20°C ~ 60°C

#### Storage Temperature

-25°C ~ 80°C

#### Battery Type

Built in unremovable Li-ion Polymer Battery

#### Rated Capacity

7800mAh/3.8V

#### Endurance Time

Play video duration : About 15 Hous

(70% volume , 70% nit , Play 1080P HD video)

Screen standby duration : About 200 Hous

#### Fingerprint Module 1020A

Fingerprint capacity : Standard 150 PCS

Identification time : < 1 seconds

Identification mode : 1:N identification or 1:1 verification

#### NLS-N1 Series 2D Scan Engines

Reading code 2D : PDF417, QR Code, Data Matrix

1D : Code 128, EAN-13, EAN-8, Code 39, UPC-A, UPC-E,

Codabar, Interleaved 2 of 5, ITF-6, ITF-14, ISBN, Code 93,

UCC/EAN-128, GS1 Databar, Matrix 2 of 5, Code 11,

Industrial 2 of 5, Standard 2 of 5, Plessey, MSI-Plessey

#### High Precision GNSS Module ZED-F9P

Centimeter scale, Support Beidou, GPS,

GLONASS, Galileo

#### UHF RFID

Internal (EU/US) : NA

External (EU/US)

Output power range : 18-26dBm

Receiving sensitivity < -70dBm

Read distance : 4-5 meter

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