



## Emagic Technology Co., LTD.

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### ZR-2 SPECS--- PDA with built-in printer

Physical Characteristics	
Dimensions	174*82*35mm (the thickest part is 56mm)
Weight	about 460g (including battery) (N.W.; depends on configuration)
CPU	Octa-core, 2.0Ghz
RAM+ROM	4G+64GB or 6G+128GB
Display	6 inch Multi-touch panel, IPS 2160*1080, tempered glass
Colour	Black
Battery	Richargeable, removable 4000mAh
Camera	Rear camera 13MP AF High brightness LED flash, Front Camera 5MP FF
Interfaces	USB-Type C, support fast charge, support OTG Base Charging and USB Contacts; Support Base Extension
Card slot	Micro sim card slot; TF card: max 128GB
Audio	Microphone, noise reduction, speaker, receiver
Keypad	5 keys (power key, 2 * function keys, volume + -)
Sensors	3D accelerator,E-compass,proximity sensor,Light sensor
Communication	
WWAN	FDD-LTE B1/B4/B5/B7/B8 TDD-LTE B38/B39/B40/B41 WCDMA B1/B2/B5/B8 GSM B2/B5/B8 CDMA/EVDO BC0 BC1
WLAN	Support 802.11 a/b/g/n/ac, 2.4G/5G dual-band
Bluetooth	Bluetooth 4.1
GNSS	GPS, GLONASS, BeiDou
Barcoding	
1D & 2D Barcode Scanner	Honeywell: 6603/ Newland CM60
1D Symbologies	UPC/EAN, Code128, Code39, Code93, Code11, Interleaved 2 of 5, Discrete 2 of 5, Chinese 2 of 5, Codabar, MSI, RSS, etc.
2D Symbologies	PDF417, MicroPDF417, Composite, RSS, TLC-39, Datamatrix, QR code, Micro QR code, Aztec, MaxiCode; Postal Codes: US PostNet, US Planet, UK Postal, Australian Postal, Japan Postal, Dutch Postal (KIX),etc.
RFID	
NFC	13.56 MHz; ISO14443A/B, ISO15693
Other functions	
Built-in Printer	2 inch adhesive printer Support adhesive and thermal printing; The print head has a lifetime of 50KM Roll diameter 40mm, speed 80mm/s
PSAM	Optional

<b>Developing environment</b>	
Operating System	Android 11 or 8.1
SDK	Emagic Software Development Kit
Language	Java
<b>User Environment</b>	
Operating Temp.	-10°C +50 °C
Storage Temp.	-20 °C~+70 °C
Humidity	5% RH - 95% RH non condensing
Drop Specification	Multiple 1.5 m / 4.92 ft. drops (at least 20 times) to the concrete across the operating temperature range;
Tumble Specification	1000 x 0.5 m / 1.64 ft. falls at room temperature
Sealing	IP65
ESD	±12 KV air discharge, ±6 KV conductive discharge
<b>Accessories</b>	
Standard	USB cable*1+ adapter*1 + battery*1
Optional	car charger

