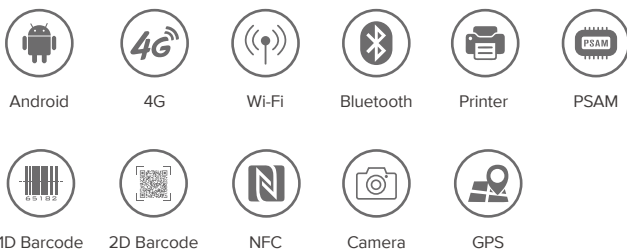




# Mobile Terminal with Printer



This handheld computer is a two-in-one device for real-time data collection and printing of receipt. The features such as integrated mobile printer and speed data collection make it a preferred device in the market. The built-in dual slots for PSAM cards help in easy encryption of data. The portable design of this device is a perfect combination of multiple tools used for mobility purposes in various sectors like retail, healthcare, parking, etc.



# Specification

| Performance              |                                                                                                                             |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Operating System         | Android 11; SafeUEM supported. Committed support for a future upgrade to Android 12, 13, and Android 14 pending feasibility |
| CPU                      | Octa-core 2.3GHz                                                                                                            |
| RAM+ROM                  | 3 GB + 32 GB / 6GB+64GB                                                                                                     |
| Expansion                | Supports up to 256GB Micro SD (TF) card                                                                                     |
| Communication            |                                                                                                                             |
| WLAN                     | IEEE802.11 a/b/g/n/ac, 2.4G/5G dual-band, internal antenna                                                                  |
| WWAN                     | 2G: GSM850/GSM900/DCS1800/PCS1900                                                                                           |
|                          | 3G: WCDMA: B1/B2/B4/B5/B8<br>CDMA2000 EVDO: BC0<br>TD-SCDMA: A/F                                                            |
|                          | 4G:B1/B2/B3/B4/B5/B7/B8/B12/B17/B20/B28A/B28B/B34/B38/B39/B40/B41                                                           |
| Bluetooth                | Bluetooth 5.0                                                                                                               |
| GNSS                     | GPS/AGPS, GLONASS, BeiDou; internal antenna                                                                                 |
| Developing Environment   |                                                                                                                             |
| SDK                      | Software Development Kit                                                                                                    |
| Language                 | Java                                                                                                                        |
| Tool                     | Eclipse / Android Studio                                                                                                    |
| User Environment         |                                                                                                                             |
| Operating Temp.          | -4°F to 122°F / -20°C to 50°C                                                                                               |
| Storage Temp.            | -40°F to 158°F / -40°C to 70°C                                                                                              |
| Humidity                 | 5%RH - 95%RH non condensing                                                                                                 |
| Drop Specifcation        | Multiple 1.5 m / 4.92 ft. drops (at least 20 times) to the concrete across the operating temperature range                  |
| ESD                      | ±15KV air discharge, ±6KV conductive discharge                                                                              |
| Sealing                  | IP54                                                                                                                        |
| Physical Characteristics |                                                                                                                             |
| Dimensions               | 186.89 x 83.99 x 35.04-49.49 mm                                                                                             |
| Weight                   | 507 g / 17.88 oz.                                                                                                           |
| Display                  | 5.2" IPS LTPS 1920 x 1080P                                                                                                  |
| Touch Panel              | Corning Gorilla Glass, multi-touch panel, gloves and wet hands supported                                                    |
| Power                    | Main battery: Li-ion, rechargeable, 8000mAh                                                                                 |
| Expansion Slot           | 2 PSAM slots at most (ISO7816 protocol), 1 slot for Nano SIM card, 1 slot for Nano SIM or TF card                           |
| Interfaces               | USB 2.0 Type-C, OTG                                                                                                         |
| Sensors                  | Light sensor, proximity sensor, gravity sensor                                                                              |
| Notification             | Sound, LED indicator                                                                                                        |
| Audio                    | 1 microphone; 1 speaker; receiver                                                                                           |
| Keypad                   | 1 power key, 2 scan keys, 1 multifunctional key, numeric keyboard                                                           |
| Color                    | Black + White                                                                                                               |

| Camera                      |                                                                                                                                                                                                             |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Camera                      | 13MP Autofocus with flash                                                                                                                                                                                   |
| Thermal Printer             |                                                                                                                                                                                                             |
| Rate                        | 85 mm/s                                                                                                                                                                                                     |
| Image Size (pixel)          | 384 dots                                                                                                                                                                                                    |
| Paper Width                 | 58 mm                                                                                                                                                                                                       |
| Paper Diameter              | 3 cm                                                                                                                                                                                                        |
| Paper Length                | 5.45 m                                                                                                                                                                                                      |
| NFC                         |                                                                                                                                                                                                             |
| Frequency                   | 13.56 MHz                                                                                                                                                                                                   |
| Protocol                    | ISO14443A/B, ISO15693, NFC-IP1, NFC-IP2, etc.                                                                                                                                                               |
| Chips                       | M1 card (S50, S70), CPU card, NFC tags, etc.                                                                                                                                                                |
| Range                       | 2-4 cm                                                                                                                                                                                                      |
| Barcode Scanning (optional) |                                                                                                                                                                                                             |
| 2D Imager Scanner           | Zebra SE4710                                                                                                                                                                                                |
| 2D Symbolologies            | 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. |

## Accessories (See details in Accessory Guide)



AC Adaptor



USB Cable



Printing Paper



Holster(Optional)