



## MU80 Mobile computer with built-in thermal printer and card reader

Birch MU80 is an Android Smart POS Terminal, which will satisfy all of your expectation. It is easy portable device with built-in receipt thermal printer and NFC card reader.

Main features of the Birch MU80 Smart POS System



- Excellent performance powered by Android 8.1 and Qualcomm quad-core 1.3 GHz high-speed processor
- Magnetic strip card , IC card ,Contactless/NFC, QR code, EMV chip & pin
- Receipt printer bulit in supports receipt/1D/2D barcode printing
- Long lasting working hour: typical operation time ≥8 hours
- High Security: complete payment certifications include PCI & EMV



































## **Technical Description**

## **Functionality & Operation**

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|----------------------------|--|
| Indicators                 | color LED + power LED  |
| Operating system           | Android 8.1  |
| CPU Type                   | Cortex 1.3 GHz Quad Core Processor   |
| Program memory             | 1GB RAM  |
| Data memory                | 8GB ROM  |
| Touch-screen panel         | Yes  |
| Display type               | 5.5", 1280×720   |
| Wireless communication     | Bluetooth®, EDGE, GPRS, GPS, GSM, LTE, NFC, WiFi, SCDMA  |
| Magnetic card types        | 1/2/3 track ISO7811/7812/7813  |
| RFID transponder protocols | MIFARE Classic, MIFARE Classic 1K, NFC (NDEF), NTAG215   |
| Print mode                 | direct thermal   |
| Print speed                | 70mm/sec   |
| GPS navigation             | GLONASS, BeiDou, Galileo, GPS, a-GPS   |
| Expansion slot             | 2x SIM, Micro SD Card (SDHC), SAM  |
| Communication interface    | 802.11 a/b/g/n/ac/d/e/i/w dual band, Audio, Bluetooth 4.1 BLE, WLAN (WiFi), WWAN, NFC, micro USB |
| Optical                    |  |
| Camera                     | 5 MPix, with Autofocus   |
| Resolution                 | 203 dpi  |
| Electrical                 |  |
| Main battery pack          | Rechargeable Li-lon battery 5200 mAh, 3,7V   |
| Power Source               | Input: 100 ~ 240 / 1.5 A, output: DC 5V / 2A   |
| Mechanical                 |  |
| Dimensions                 | Width: 81mm, Height: 61mm Length: 188mm  |
| Weight                     | 457g   |
| Body housing               | ABS plastic  |
| Color                      | red  |
| Consumables                |  |
|                            |  |

Maximal roll diameter

40mm



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