

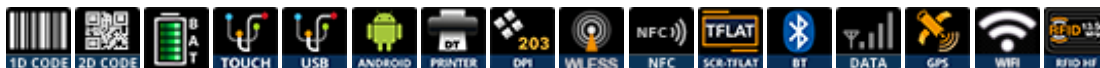
## MU80 Mobile computer with built-in thermal printer and card reader

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 built 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

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-Ion 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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