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Mobilink™ P80 Plus Portable Receipt Printer

The fast, rugged, wireless, 3" receipt printer with auto cutter.

Highly efficient — built-in auto cutter speeds up transaction time and ensures receipts with clean, smooth edges

Seamless integration — compatible with iOS®, Android™ and Windows® mobile devices; includes wireless setup with SimpleAP (wireless SKU only)

Long-life battery — operational up to 33 hours (Bluetooth®), up to 25 hours (wireless)[1]

Ultra fast print speed — prints 3" receipts at up to 100 mm per second

Rugged design — 4-foot drop rating, plus IP4X environmental certification

Easy wireless configuration — 802.11 a/b/g/n with 2.4 GHz/5 GHz compatibility, plus Bluetooth 3.0 (EDR supported)

NFC feature — save time with convenient touch-to-print functionality[2]

Paper-saving options — save up to 23 percent via special utility settings

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Print

Printing Method Thermal
Print Speed 100 mm/s
Print Resolution 203 dpi
Print Direction Vertical and horizontal

Print Fonts

Fonts/Column Capacity 48 cpl mode: Font A: 12 x 24 48 cpl (default); Font B: 9 x 17 64 cpl; 42 cpl mode: Font A: 13 x 24 42 cpl, Font B: 9 x 17 60 cpl
Character Size 48 cpl mode: Font A 1.50 x 3.00 mm, Font B 1.125 x 2.13 mm; 42 cpl mode: Font A 1.63 x 3.00 mm, Font B 1.125 x 2.13 mm
Character Set 95 Alphanumeric, 48 International, 128 x 10 Graphic
Barcode UPC-A, UPC-E, JAN13/EAN13, JAN8/EAN8, Code 39, ITF, CODEBAR (NW-7), Code 93, Code 128, GS1-128, GS1 DataBar Omnidirectional, GS1 DataBar Truncated, GS1 DataBar Limited, GS1 DataBar Expanded
Two-dimensional Symbol Printing QR Code, Maxi Code, PDF417, Composite Symbology, GS-1, Aztec, Datamatrix

Media Handling

Type Thermal roll paper
Paper Feed Method Friction feed
Width (Without Spacer) 3.13"/79.5 mm
Width (With Spacer) 2.97"/75.5 mm
Paper Loading Drop-in
Roll Diameter (Max) 2.0"/51 mm
Core Diameter (Min) 0.71"/18 mm
Paper Guide Yes
Auto Cutter Yes

Connectivity

Interfaces 802.11b/g/n (2.4 GHz) and 802.11a/n (5 GHz) or Bluetooth 3.0 (EDR supported)
Wireless Security Mode WEP, WPA, WPA2-Personal/ Enterprise
Supported Mobile Operating Systems iOS, Android and Windows (Store Apps)
Easy Setting SimpleAP, TM Utility, NFC[2], and QR Code

General

Printer Reliability 10 million printing lines
Auto Cutter Reliability 500,000 auto cutter
IP Rating IP4X
Drop Rating 4 feet
Charging PS-11 charger (2.5 hours to full charge), custom single bay charger (2.5 hours to full charge), custom quad bay charger (2.5 hours to full charge)
Operational Battery Life[1] 25 hours for wireless and 33 hours for Bluetooth
NV Bit Image Memory 192KB (max), NV Graphics 384KB (max)
Data Buffer 64KB (Bluetooth)
Notes: No information (limitation) for Wireless model
Printer Driver Windows driver (APD), OPOS, OPOS.NET, JavaPOS (Win), JavaPOS (Linux), TM Virtual Port Driver, ePOS™-Print SDK
Software TM-P80 Utility, EpsonNet Config, EpsonNet Simple Viewer, TM-P80 Remote Configuration Tool, TM Bluetooth Connector, Built-In Configuration Page
Audible Alert Programmable Buzzer
LED Indicators Blue LED (On = Power, Off = Power Off, Remaining Battery), Orange LED = Error and Battery Charging
Sensors Paper End, Cover Open
Power Source Custom lithium-ion battery pack, (optional) PS-11 charger
Power Saving Yes
Temperature 0 °C – 45 °C (without PS-11 Connection)
Relative Humidity 10 – 90 %
Acoustic Noise Level 55 dB
Standards and Approvals North America EMI: FCC Class A, ICES-003 Class A Safety standards: UL60950-1/CSA C22.2 No.60950-1
Dimensions (W x D x H) 4.3" x 5.5" x 2.7" 110 x 140 x 69 mm
Weight 1.40 lb/630 g
Color Epson Black

Options

Battery OT-BY60II
Single Charger OT-SB60II
Quad Charger OT-CH60II
Power Supply PS-11

Eco Features

• Paper Saving Mode
• Power Saving Mode

Warranty

Standard with a 1-year limited warranty (excluding battery); optional extended warranty available (excluding battery)

What's in the Box

Mobilink P80 Plus, Battery – Model OT-BY60II, Roll Paper (For checking initial movement of the printer), Users Manual, USB Cable, Belt Clip – already attached to printer

Ordering Information

P80 PLUS WiFi Receipt with Auto Cutter	C31CD70312
P80 PLUS BT Receipt with Auto Cutter	C31CD70751

2.7"
4.3"
5.5"

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1 Battery life can vary significantly depending on usage. | **2** NFC tag requires use of a device that includes an NFC reader, and may require additional software.