

Mobilink™ TM-P80II

3" Wireless Portable Receipt Printer

Mobile Receipt Printers

POS



Ultra fast, compact and rugged 3" wireless portable receipt printer.

Portable and lightweight — ultra compact, easy for users to wear (belt clip included); helps prevent carry fatigue

Robust design — IP54-rated enclosure is water- and dust-resistant; holds up to rigorous use, with a drop rating of 6.2 feet

Long-lasting battery life — up to 47 hours on a full charge¹ (battery and USB-C cable included)

Fast battery charging capability — fully charges as fast as 2.5 hours² (charger sold separately)

Versatile connectivity — wireless connectivity options (Wi-Fi® 5 or Bluetooth® 5.0) to provide connections to a wide variety of devices and networks

Exceptional print quality and ultra fast print speed — quickly produce sharp and crisp text, barcodes and logos at up to 100 mm/sec

High-capacity media basket to help maximize uptime — 51 mm outer diameter allows for large paper capacity; replace rolls less often

Modern design — sleek design suited to complement your business

Enhance your printing with accessories — choose from a wide range of optional accessories, such as single or quad battery charger, spare battery, belt strap, shoulder strap and soft carrying case (each sold separately)

World-class service and support — 1-year limited warranty; Epson PreferredSM Plus Extended Service Plans available for up to a total of 5 years of continuous coverage

Print

Print Method Thermal line printing
Print Speed Receipt version: 100 mm/sec (max.)
Print Resolution Dots/inch: 203 dpi

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 (W x H) 48 cpl mode: Font A: 1.50 mm x 3.00 mm, Font B: 1.125 mm x 2.13 mm; 42 cpl mode: Font A: 1.63 mm x 3.00 mm, Font B: 1.125 mm x 2.13 mm
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
2D Symbol Printing QR Code, Maxi Code, PDF417, Composite Symbolology, GS-1, Aztec, Datamatrix

Media Handling

Type Thermal roll paper
Paper Feed Method Friction feed
Width 3.13"/79.5 mm
Paper Loading Drop-in
Roll Diameter (max.) 2.0"/51.0 mm
Core Diameter (min.) 0.71"/18.0 mm
Auto Cutter No

Connectivity

Interfaces USB-C (built-in), Wi-Fi 802.11 a/b/g/n/ac (2.4 GHz or 5 GHz band) or Bluetooth 5.0 (Classic + LE)
Wireless Security Mode
 WPA/WPA2-PSK (TKIP/AES)
 WPA3-SAE (AES)
 WPA2/WPA3-Enterprise
Supported Mobile Operating Systems iOS®, Android™ and Windows®
Easy Setting SimpleAP, TM Utility, NFC and QR Code

General

Printer Reliability³ 10 million printing lines
IP Rating IP54
Drop Rating 6.2 feet
Charging Available Epson® options: Single-Battery Charging Cradle (OT-SB80II) and Quad-Battery Charging Cradle (OT-CH80II); fully charges as fast as 2.5 hours²
 Third-party options: USB-C charging devices, wireless charging devices⁴
Battery Life 25 hours for Wi-Fi and 47 hours for Bluetooth¹
NV Bit Image Memory NV User: 192KB (max.), NV Graphics: 384KB (max.)
Data Buffer Wi-Fi: 4KB, Bluetooth: 64KB
Printer Driver ePOS-Print SDK, Windows driver (APD), OPOS, OPOS.NET, JavaPOS (Win), JavaPOS (Linux®), TM Virtual Port Driver
Software TM Utility (for iOS and Android), Integrated Utility, TM Bluetooth Connector, Epson WebConfig, Monitoring Tool, Deployment Tool, Firmware Updater
Audible Alert Programmable Buzzer
LED Indicators Power LED, Battery LED (x3), Charging LED, Bluetooth Connection LED or Wi-Fi Connection LED, Error LED
Sensors Paper End, Cover Open
Power Source Lithium-ion battery pack, USB-C port
Power Saving Yes
Temperature -15°C – 50°C (5°F – 122°F)
Relative Humidity 10% – 90%
Acoustic Noise Level 53 dB
Standards and Approvals EMI FCC Class B, ICES-003 Class B, Safety Standard UL62368-1/CAN/CSA C22.2 No.62368-1
Dimensions (W x D x H) 4.1" x 5.4" x 2.2"
Weight 0.8 lb
Color Epson Black

Eco Features
 Paper Saving Mode
 Power Saving Mode
 RoHS compliant
 End-of-life options available⁵
 Epson America, Inc. is a SmartWay® Transport Partner⁶

Warranty

Standard 1-year limited warranty, with optional extended service plans available

Epson Preferred Plus Extended Service Plans⁷

1-Year Return for Repair	EPPSDEXTB1
2-Year Return for Repair	EPPSDEXTB2
3-Year Return for Repair	EPPSDEXTB3
4-Year Return for Repair	EPPSDEXTB4
1-Year Renewal, Return for Repair	EPPSDEXTB1S
1-Year Spare-in-the-Air™ (SITA) Coverage	EPPSDSITAB1
2-Year SITA Coverage	EPPSDSITAB2
3-Year SITA Coverage	EPPSDSITAB3
4-Year SITA Coverage	EPPSDSITAB4
5-Year SITA Coverage	EPPSDSITAB5
1-Year Renewal, SITA Coverage Extension	EPPSDSITAB1S

What's Included

Mobilink TM-P80II, Battery (OT-BY80II), Belt Clip (attached to printer), Starter Roll Paper, USB-C Cable, Documentation

Ordering Information

Printers	
TM-P80II Wi-Fi	C31CK00011
TM-P80II Wi-Fi with Battery Cradle	C31CK00A9981
TM-P80II Bluetooth	C31CK00001
TM-P80II Bluetooth with Battery Cradle	C31CK00A9991
Optional Accessories	
Battery (OT-BY80II)	C32C882301
Single-Battery Charging Cradle (OT-SB80II)	C32C824A8581
Quad-Battery Charging Cradle (OT-CH80II)	C32C824A8561
Belt Strap (OT-BE01)	C32C882321
Shoulder Strap (OT-SH01)	C32C882331
Soft Case (OT-PC80II)	C32C882351

¹ Battery life will vary considerably depending on connectivity (Wi-Fi or Bluetooth), usage and environment. | ² Speed based on charging with Epson genuine battery chargers (OT-SB20II, OT-SB80II, OT-CH20II, OT-CH80II). | ³ Epson's statements about reliability levels are only estimates, based on normal use of the printer using tested media only. See www.epson.com/testedmedia for more information on Tested Media. These reliability statements are not warranties of the media or Epson's printers, and the only warranties for printers are the limited warranty statements for each printer. | ⁴ Epson cannot guarantee the performance or quality of third-party power adapters. | ⁵ For convenient and reasonable recycling options, visit www.epson.com/recycle | ⁶ SmartWay is an innovative partnership of the U.S. Environmental Protection Agency that reduces greenhouse gases and other air pollutants and improves fuel efficiency. | ⁷ See individual service plan for details.

See the latest innovations from Epson Business Solutions at www.epson.com/forbusiness



Epson America, Inc.
 3131 Katella Ave., Los Alamitos, CA 90720

Epson Canada Limited
 185 Renfrew Drive, Markham, Ontario L3R 6G3

www.epson.com
www.epson.ca

Contact:



Specifications and terms are subject to change without notice. EPSON is a registered trademark and the EPSON logo is a registered logomark of Seiko Epson Corporation. Mobilink and Spare-in-the-Air are trademarks and Epson Preferred is a service mark of Epson America, Inc. Android is a trademark of Google LLC. SmartWay is a registered trademark of the U.S. Environmental Protection Agency. Windows is either a registered trademark or trademark of Microsoft Corporation in the United States and other countries. Wi-Fi® is a registered trademark of Wi-Fi Alliance®. All other product and brand names are trademarks and/or registered trademarks of their respective companies. Epson disclaims any and all rights in these marks. Copyright 2023 Epson America, Inc. CPD-62216R1 3/23