



Epson TM-P80

With 80mm paper width this mobile thermal printer is ideal for demanding retail and hospitality environments

Compatible with iOS, Android and Windows mobile devices

Industry-leading operational battery life up to 40 hours

Highest printing speed in its class of up to 100mm/second

4 foot drop rating and IP54 environmental certified

Support 802.11a/b/g/n with 2.4GHz/5GHz compatibility, Bluetooth® 2.1 + EDR and NFC

Zebra® emulation available

On-the-go performance printing

Lightweight and compact, the TM-P80 delivers all the features you need to print anywhere, anytime. It offers the fastest printing in its class with speeds up to 100mm/second, flexible connectivity, a rugged design with a 4 foot drop rating and IP54 certification and easily fits in the palm of your hand.

Industry-leading battery life

To ensure uninterrupted service to your customers, Epson TM-P80 features an unmatched operational battery life of up to 20 hours with 802.11 models and up to 40 hours with Bluetooth models.

Multi-platform printing made easy

With Epson's unique ePOS-Print technology, the TM-P80 can print directly from any mobile devices running an iOS, Android or Windows operating system with a WiFi or Bluetooth connection, using a HTML5 browse or native application. This provides an easy and smart solution for today's mobile printing requirements.

Compatible and ready to go

The TM-P80 wireless printer is compatible with today's best-of-breed POS systems and the latest industry-standard wireless security protocols. The printer supports NFC, 802/11a/b/g/n with 2.4GHz / 5GHz compatibility or Bluetooth®2.1 + EDR. It also comes complete with ESC/POS®, OPOS, JavaPOS and Windows® drivers which means your current applications are instantly compatible.

Reduce your paper costs

With the TM-P80 paper-saving options, you can reduce your paper usage by up to 23%. The paper-saving settings are easy to use without changing your application and do not affect print quality, readability and font size.

Backed by the leader

The TM-P80 features the quality and reliability that Epson is known for, a low total cost of ownership and is backed by our leading service and support programs.

Product Specifications	
PRINT METHOD	Thermal line printing
PRINT SPEED (MAX.)	Receipt mode 100mm/sec
DOT/LINE	576 dots
DOTS/INCH	203 dpi
FONT	48 cpl mode: Font A: 12 x 24 48cpl (default) Font B: 9 x 17 64cpl 42 cpl mode: Font A: 13 x 24 42cpl Font B: 9 x 17 60cpl
CHARACTER SIZE	1.25 × 3.0 / 0.88 x 2.13mm (W x H)
Character set	95 Alphanumeric, 48 International, 128 x 10 Graphic
Barcode	UPC-A, UPC-E, JAN13/EAN13, JAN8/EAN8, Code 39, ITF, CODEBAR, Code 93, Code 128 GS-1-128, GS1DataBar, GS1 DataBar Truncated, GS1 DataBar Limited, GS1 DataBar Expanded 2D: QR Code, Maxi Code, PDF417, Composite symbology, GS-1, Aztec, Datamatrix
Characters per inch	16/22 cpi (15/22 cpi: 42 cpl mode)
PAPER WIDTH	79.5mm (3.12")
PAPER DIAMETER (MAX.)	51mm
RELIABILITY	10 million printing lines
INTERFACE	802.11b/g/n (2.4GHz) and 802.11a/n (5GHz) or Bluetooth 2.1 + EDR, NFC
SUPPORTED MOBILE	WiFi: iOS, Android and Windows
OPERATING SYSTEMS	(Security Level WEP, WPA, WPA2-Enterprise) Bluetooth: iOS, Android and Windows
AUDIBLE ALERT	Programmable buzzer
SENSORS	Paper out
LED INDICATORS	
Green LED	Power (ON=Power on, OFF=Power off)
Orange LED	Only shown when power is ON, Error, Paper end, Cover open, Battery level low (printer does not operate)
Blue LEDs	Four battery level indicators: 3 LED ON = approx. 100%–60%, 2 LED ON = approx. 60%–20%, 1 LED ON = approx. 20%–10%, 1 LED Flashing = approx. 10%–1%
SOFTWARE	TM-P80 Utility, EpsonNet Config, EpsonNet Simple Viewer, TM-P80 Remote Configuration Tool, TM Bluetooth Connector, Built-In Configuration Page
POWER	Custom Lithium-Ion battery pack, AC adapter (option)
Charging	AC adapter (2.5 hours to full charge), custom quad bay charger (2.5 hours to full charge)
BATTERY LIFE	Up to 20 hours with 802.11, up to 40 hours with Bluetooth 2.1 + EDR*
OPERATING TEMPERATURE	0° C to 45° C (without A/C adapter connection)
DROP RATING	Test rating of 4 feet
OVERALL DIMENSIONS	4.33" x 5.51" x 2.52" (110 x 140 x 64mm) (W x D x H)
WEIGHT	1.1 lbs (500g) with battery, without roll paper & belt clip
COLOUR	Epson Black (EBCK)
WARRANTY	Two year standard warranty
WHAT'S IN THE BOX	P80, Battery (Model: OT-BY60II), Roll paper (for checking initial movement of the printer), User's manual, USB cable, Belt clip (already attached to printer)
ACCESSORIES (OPTIONAL)	Battery (OT-BY60II), Quad charger (OT-CH60II), Power supply (PS-11), Padded case (AC1653EPI)

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