MOBILE
POINT-OF-SALE PRINTER
TM-P20

EPSON
EXCEED YOUR VISION

ON-THE-GO PRINTING BEYOND THE COUNTER.

Think big, with small. Epson's portable printer TM-P20 delivers mobility with efficiency in its compact size and rugged design, capable of fast print speeds of up to 100mm/s and a drop rating of 1.98m. Featuring a best-in-class operational battery life, fast Near Field Communication (NFC) pairing and a versatile compatibility with multiple smart devices, it is ideally suited for on-the-go printing – from retail to hospitality across various business applications. Reliable and easy to use, the TM-P20 is vital in elevating your business' productivity.

Compact	Mobility	Print	Cost Effective

ENGINEERED FOR BUSINESS

High Performance, Small Footprint
Discover a lightweight of 221g along with ultra-compact features and multiple connectivity options.

Industry-leading Battery Life
Ensure uninterrupted service to customers with up to 6 hours operational battery life for Wi-Fi models and 8 hours for Bluetooth models.

Easy Setting and Configuration
Comes complete with ESC/POS®, OPOS, JavaPOS and Windows® drivers which allow instant compatibility with existing POS solutions.

NO.1 POS RECEIPT PRINTER
5 YEARS RUNNING 2009 TO 2013

MODEL NUMBER	TM-P20
Print Technology	
Printing Method	Thermal line printing
Print Font	
Font	Font A: 12 x 24 32cpl; Font B: 9 x 24 42cpl (Default); Font C: 9 x 17 42cpl; Font D: 10 x 24 38cpl; Font E: 8 x 16 48cpl
Character Size (W x H)	Font A: 1.5 x 3.0mm; Font B: 1.12 x 3.0mm; Font C: 1.12 x 2.1mm; Font D: 1.25 × 3.0mm; Font E: 1.0 x 2.0mm
Character Set	95 Alphanumeric, 18 International, 128 x 43 Graphic
	Bar code: UPC-A, UPC-E, JAN8/EAN8, JAN13/EAN13, ITF (Interleaved 2 of 5), Codabar (NW-7), Code 39, Code 93, Code 128, GS1-128 (UCC/EAN-128), GS1 DataBar Omnidirectional, GS1 DataBar Truncated, GS1 DataBar Limited, GS1 DataBar Expanded, 2D symbol, PDF417, Datamatrix, QR Code, Maxi Code, Composite Aztec
Interface	802.11b/g/n (2.4GHz) and 802.11a/n (5GHz) or Bluetooth 3.0 (EDR supported)
Data Buffer	4000 bytes
Print Speed Max.	100 mm/sec (Receipt Version)
Dot / Line	384 dots
Dot / Inch	203 dpi
Paper	
Dimensions (mm)	Roll paper: 57.5 ± 0.5 (W) × Dia. 40.4
Power	Custom Lithium-Ion Battery Pack, AC Adapter (Option)
Power Saving	Auto Power-off Function, WiFi Power-saving Function
Charging	AC Adapter (3 hours to Full Charge), Custom External Charger (2.5 hours to Full Charge)
Battery Life*	Up to 6 hours (WiFi)	Up to 8 hours (Bluetooth)
Operating Temperature	10 to 50° C (14 to 122° F°) Bluetooth Model, 0 to 50° C (32 to 122° F°) WiFi Model
Humidity	10 – 90% RH
Drop Rating	Test Rating of 6.5 feet
Reliability	
Printer Mechanism Life	10 million lines
MTBF	120,000 hours
MCBF	16,000,000 lines
Colour	Epson Black (EBCK)
Overall Dimensions (W x D x H)	79.0 x 119.8 x 43.6mm (Belt clip included)
Mass (Approx.)	Wi-Fi Model: Approximately 221 g {0.49 lb}
	Bluetooth Model: Approximately 212 g {0.47 lb}
	(Battery included; Belt Clip and Roll Paper Excluded, and Single Charger not included)
Options	Single Printer Charger/Cradle (OT-SC20), Battery Pack (OT-BY20), Padded Case (OT-PC20), Battery Spacer (OT-BS20)
Standard Accessories ROM	Roll Paper × 1 Roll (For Checking the Initial Movement of the Printer), CD-ROM (Drivers, Utility software, Manuals), Setup guide, Battery, Printer Charger, Belt Clip
General Information	
Supported Operating Systems	Mobile iOS, Android and Windows, (Security Level WEP, WPA, WPA2-Personal/Enterprise)
ROM	64 MB
NV Area	User NV 1 KB, NV Graphics 384 KB
Audible Alert	Programmable Buzzer
Sensors	Paper End, Cover Open, BM Sensor
LED Indicators	Battery Charge Level, Power Status, Error Condition
Software	TM-P20 Utility, EpsonNet Config, EpsonNet Simple Viewer, TM-P20 Remote Configuration Tool, TM Bluetooth Connector, Built-In Configuration Page
Easy Setting	Easy Connection for Bluetooth – NFC, Easy Connection for WiFi – NFC, Easy Connection for Bluetooth – Barcode, Easy Connection for WiFi – Barcode, Easy WiFi Setting – AdHOC Mode

Dimensions & Weight

Weight: Approx. 221 g (0.49 lb)

43.6mm
119.8mm
79mm

Legend

dpi   dots per 25.4 mm (dots per inch)

cpl   characters per line

*P20 battery life can vary significantly depending on usage. Up to 6 hours with 802.11, up to 8 hours with Bluetooth 3.0 + EDR.

Information correct as at January 2015