



Epson TM-P20

Increase your productivity with Epson's ultra compact and lightweight mobile receipt printer.

Compatible with iOS, Android and Windows mobile devices

Ultra compact and lightweight

Best-in-class operational battery life (of up to 8 hours) for ultra compact printers

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

Supports 802.11a/b/g/n with 2.4GHz/5GHz compatibility and Bluetooth® 3.0 (EDR supported)

IP54 rating for water and dust proof with soft case



Optional Padded Case (OT-PC20)



Optional single printer charger / cradle (OT-SC20)



Optional quad charger (OT-MC20)

Big performance in a small footprint

Epson's TM-P20 is an ultra compact receipt printer that weighs only 228g and fits into the palm of your hand. It 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 options, a compact design with an IP54 rating with its padded case.

Industry-leading battery life

To ensure uninterrupted service to your customers, Epson's TM-P20 features a best-in-class operational battery life for ultra compact printers of up to 6 hours with WiFi models and up to 8 hours with Bluetooth models.

Easy setting with TM Printer Utility App

The TM-P20 is ready to connect with your custom mobile POS application easily with Epson's TM Printer Utility App. Its Easy Setting feature enables automatic and intelligent configuration for initial WiFi setting. And the TM Printer Utility App comes with fast NFC pairing technology to increase your productivity.

Multi-platform printing made easy

With Epson's unique ePOS-Print technology, the TM-P20 can print from any devices running an iOS, Android or Windows operating system with a WiFi or Bluetooth connection, using a HTML5 browser or native application.

Compatible and ready to go

The TM-P20 is compatible with all of today's best-of-breed POS systems and the latest industry-standard wireless security protocols. The printer supports 802.11a/b/g/n with 2.4GHz/5GHz compatibility or Bluetooth® 3.0 (EDR supported). It also comes complete with ESC/POS®, OPOS, JavaPOS and windows® drivers which means your current POS software and applications are instantly compatible.

Reduce your paper costs

With the TM-P20, you can reduce your paper usage by up to 23%. The paper-saving settings are easy to use and do not affect print quality, readability or font size.

Product Specifications

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| PRINT METHOD | Thermal line printing |
| PRINT SPEED (MAX.) | Receipt version 100mm/sec |
| DOT/LINE | 384 dots |
| DOT/INCH | 203 dpi |
| 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 | 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 x 3.0mm; Font E: 1.0 x 2.0mm (W x H) |
| Character set | 95 Alphanumeric, 18 International, 128 x 43 Graphic |
| Barcode | 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 |
| PAPER WIDTH | 58mm |
| PAPER DIAMETER (MAX.) | 40.4mm |
| RELIABILITY | 10 million printing lines |
| INTERFACE | 802.11b/g/n (2.4GHz) and 802.11a/n (5GHz) or Bluetooth 3.0 (EDR supported) |
| SUPPORTED MOBILE | iOS, Android and Windows |
| OPERATING SYSTEMS | (Security Level WEP, WPA, WPA2-Personal/Enterprise) |
| 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 |
| 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 with WiFi, up to 8 hours with Bluetooth ¹ |
| 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 |
| OVERALL DIMENSIONS | 3.11" x 4.71" x 1.71" (79.0 x 119.8 x 43.6mm) (W x D x H) |
| WEIGHT | Receipt version: 0.5 lbs (228g) with battery, without roll paper and belt clip |
| COLOUR | Epson Black (EBCK) |
| WARRANTY | Two year standard warranty |
| WHAT'S IN THE BOX | P20, Battery, Printer charger, AC-adapter -Type C, AC cable, USB cable, Belt clip, Roll paper (for checking initial movement of printer), CR-ROM, Set-up guide |
| ACCESSORIES (OPTIONAL) | Single printer charger/cradle (OT-SC20), Battery spacer (OT-BS20), Battery pack (OT-BY20), Padded case (OT-PC20) |

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