EPSON®

Mobilink™ TM-P20II
2" Wireless Portable Receipt Printer

The ultra compact and lightweight 2" 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 6.9 feet

Long-lasting battery life — up to 27 hours on a full charge[1] (battery and USB-C cable included)

Fast battery charging capability — fully charges as fast as 3 hours[2] (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

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 Preferred Plus™ Extended Service Plans available for up to a total of 5 years of continuous coverage

Paper Saving Mode — helps reduce cost by decreasing paper usage

Print

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

Print Fonts

Fonts
Font A: 12 x 24, 32 cpl
Font B: 9 x 24, 42 cpl (default)
Font C: 9 x 17, 42 cpl
Font D: 10 x 24, 38 cpl
Font E: 8 x 16, 48 cpl
Character Size (W x H)
Font A: 1.5 mm x 3.0 mm
Font B: 1.12 mm x 3.0 mm
Font C: 1.12 mm x 2.1 mm
Font D: 1.25 mm x 3.0 mm
Font E: 1.0 mm x 2.0 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 Symbology, GS-1, Aztec, Datamatrix

Media Handling

Type Thermal roll paper
Paper Feed Method Friction feed
Width 2.28"/58 mm
Paper Loading Drop-in
Roll Diameter (max.) 1.57"/40.0 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 Reliability[3] 10 million printing lines
IP Rating IP54
Drop Rating 6.9 feet
Charging Available Epson options: Single-Battery Charging Cradle (OT-SB20II) and Quad-Battery Charging Cradle (OT-CH20II); fully charges as fast as 3 hours[2]
Third-party options: USB-C charging devices, wireless charging devices[4]
Battery Life 15 hours for Wi-Fi and 27 hours for Bluetooth[1]
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) 3.1" x 4.7" x 1.8"
Weight 0.5 lb
Color Epson Black

Eco Features

Paper Saving Mode
Power Saving Mode
RoHS compliant
End-of-life options available[5]
Epson America, Inc. is a SmartWay® Transport Partner[6]

Warranty

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

Epson Preferred Plus Extended Service Plans[7]

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 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-P20II, Battery (OT-BY20), Belt Clip (attached to printer), Starter Roll Paper, USB-C Cable, Documentation

Ordering Information

Printers

TM-P20II Wi-Fi	C31CJ99011
TM-P20II Wi-Fi with Battery Cradle	C31CJ99A99781
TM-P20II Bluetooth	C31CJ99001
TM-P20II Bluetooth with Battery Cradle	C31CJ99A9991

Optional Accessories

Battery (OT-BY20)	C32C831093
Single-Battery Charging Cradle (OT-SB20II)	C32C882A8551
Quad-Battery Charging Cradle (OT-CH20II)	C32C882A8531
Belt Strap (OT-BE01)	C32C882321
Shoulder Strap (OT-SH01)	C32C882331
Soft Case (OT-PC20II)	C32C882341

⚠ **WARNING:** The paper roll shipped together with this product can expose you to chemicals, including Bisphenol A and Bisphenol S, which are known to the State of California to cause birth defects or other reproductive harm. *Wash hands after handling.*

For more information, go to P65Warnings.ca.gov

All images simulated.

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 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 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.

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