

## 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 2.1 metres

**Long-lasting battery life** — up to 27 hours on a full charge<sup>1</sup> (battery and USB-C cable included)

**Fast battery charging capability** — fully charges as fast as 3 hours<sup>2</sup> (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)

**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.)** 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 Reliability**<sup>3</sup> 10 million printing lines  
**IP Rating** IP54  
**Drop Rating** 2.1 Metres  
**Charging** Available Epson options: Single-Battery Charging Cradle (OT-SB20II) and Quad-Battery Charging Cradle (OT-CH20II); fully charges as fast as 3 hours<sup>2</sup>  
 Third-party options: USB-C charging devices, wireless charging devices<sup>4</sup>

**Battery Life** 15 hours for Wi-Fi and 27 hours for Bluetooth<sup>1</sup>  
**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), Java POS (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** PaperEnd, 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)** 79 x 120 x 46mm

**Weight** 227g

**Color** Epson Black

**Eco Features**

Paper Saving Mode  
 Power Saving Mode  
 RoHS compliant

**Warranty**

Standard 1 year warranty, with optional extended service plans available

**What's in the Box**

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

**Ordering Information****Printers**

TM-P20II Wi-Fi	C31CJ99311
TM-P20II Bluetooth	C31CJ99301

**Optional Accessories**

Battery (OT-BY20)	C32C831093
Belt Strap (OT-BE01)	C32C882321
Shoulder Strap (OT-SH01)	C32C882331
Soft Case (OT-PC20II)	C32C882341

<sup>1</sup> Battery life will vary considerably depending on connectivity (Wi-Fi or Bluetooth), usage and environment. | <sup>2</sup> Speed based on charging with Epson genuine battery chargers (OT-SB20II, OT-SB80II, OT-CH20II, OT-CH80II). | <sup>3</sup> 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](http://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. | <sup>4</sup> Epson cannot guarantee the performance or quality of third-party power adapters. |