

Epson TM-T20IV

Thermal Receipt Printer



The capable, affordable POS printer with versatile connectivity.

Engineering meets affordability — practical features are designed for today's POS needs

Compact, modern design — small 3" thermal receipt printer

Designed for reliability — 2-year limited warranty; extended service plans, including Spare-in-the-Air™ coverage, are available

Multiplatform support — compatible with traditional PC-POS and mPOS devices

Versatile connectivity — offers two built-in interface options: USB with serial or USB with serial and Ethernet connectivity

Fast printing — print speeds up to 250 mm/sec allow for fast transactions

Paper-saving functions — top-margin and character-height reduction features help reduce paper by up to 30 percent¹

Easy to use — status LED with intuitive icons allows for simple troubleshooting and maintenance

Print

Print Method Thermal line printing
Print Speed Max. 250 mm/sec
Fonts 9 x 17 and 12 x 24 dots/character (W x H)
Print Resolution 203 dpi
Column Capacity
 Standard:
 Paper width 80 mm: 48/64 columns
 Paper width 58 mm: 35/46 columns
 42-column Mode:
 Paper width 80 mm: 42/60 columns
 Paper width 58 mm: 42/31 columns
Character Size (W x H) 0.08 x 2.13 mm and 1.25 x 3.00 mm
Character Set 95 Alphanumeric, 18 International, 128 x 43 Graphic
Barcode UPC-A/E, JAN 13 (EAN 13), JAN 8 (EAN), Code 39/93/128, CODABAR (NW-7), Composite Symbology, GS1-128, GS1 DataBar, ITF
Characters Per Inch 22.6 and 16.9 cpi

Media Handling

Media Dimensions
 80 mm: 79.5 ± 0.5 x 83 mm
 3.13" ± 0.02" (width) x 3.27" (roll diameter)
 58 mm: 57.5 ± 0.5 x 83 mm
 2.26" ± 0.02" (width) x 3.27" (roll diameter)
 Thickness 53 – 75 µm

Connectivity

Interface (Dual-Interface Model)
 USB Type-B
 Serial RS-232 D-Sub 25pin
Interface (Triple-Interface Model)
 USB Type-B
 Serial RS-232 D-Sub 9pin
 Ethernet (10/100Base-T/TX)
 USB Type-A for peripheral device
 Optional Wi-Fi® via OT-WL06 USB adapter Dongle (2.4 GHz/5.0 GHz)

General

Printing From a Mobile Device
 Supported (mobile) operating systems: iOS®, Android® and Windows® operating systems
Epson ePOS Technology Supports ePOS service for direct printing from mobile devices or web-based applications
D.K.D. 2 drivers
Dimensions (W x D x H) 5.51" x 7.83" x 5.75" (140 mm x 199 mm x 146 mm)
Weight 3.75 lb (1.7 kg)
EMI Standards FCC Class A, ICES-003 Class A
Safety Standards UL62368-1, CAN/CSA C22.2 No.62368-1
Case Color Epson Black
Reliability²
 MTBF: 360,000 hours
 MCBF: 60,000,000 lines
 Auto cutter: 2 million cuts
Options External buzzer unit (OT-BZ20)
Installation Horizontal/vertical on counter/vertical on wall with wall hanging bracket
Power Supply Voltage 24 VDC ± 7%
Power Consumption
 Operating: Approx. 27.2 W
 Standby: Approx. 0.96 W
Power Source AC power consumption (AC 100 to 230 V/50 to 60 Hz) (AC cable included)

Software

Drivers and tool software for PC POS (APD, OPOS, JavaPOS, OPOS NET), TM Virtual port driver, Linux® CUPS driver, macOS® OS X® driver, TM-T20III utility, deployment tool, monitoring tool, Epson Net Config (Windows, Mac®), ePOS SDK

What's Included

Epson TM-T20IV thermal receipt printer, thermal roll paper (starter roll), USB cable, Power Adapter, AC cable, wall hanging bracket, setup guide

Warranty

2-year limited in the U.S. and Canada; optional extended service plans available

Epson Preferred Plus™ Extended Service Plans³

1-Year Return for Repair	EPPSDEXTA1
2-Year Return for Repair	EPPSDEXTA2
3-Year Return for Repair	EPPSDEXTA3
1-Year Renewal Return for Repair	EPPSDEXTA1S
1-Year Spare-in-the-Air™	EPPSDSITAA1
2-Year Spare-in-the-Air	EPPSDSITAA2
3-Year Spare-in-the-Air	EPPSDSITAA3
4-Year Spare-in-the-Air	EPPSDSITAA4
5-Year Spare-in-the-Air	EPPSDSITAA5
1-Year Renewal Spare-in-the-Air	EPPSDSITAA1S

Eco Features

RoHS compliant
 Multiple models are ENERGY STAR® qualified
 End-of-life options available⁴
 Epson America, Inc. is a SmartWay® Transport Partner⁵

Ordering Information

TM-T20IV USB + Serial	C31CL47001
TM-T20IV USB + Serial + Ethernet	C31CL47002
OT-WL06 Optional Wireless Adapter	C32C891321
OT-BZ20 Optional External Buzzer Unit	C32C890634

¹ Paper savings depend on the text and graphics printed on the receipt. | ² 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 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. | ³ Product comes with 2-year limited warranty with the option to purchase extended service plans up to a total of 5 years of continuous coverage. Spare-in-the-Air extended service plans can be purchased anytime that you are covered under an Epson limited warranty or Epson extended service plan. Return for Repair extended service plan must be purchased within 90 days of product purchase. See individual service plan for details. | ⁴ For convenient and reasonable recycling options, visit www.epson.com/recycle | ⁵ SmartWay is an innovative partnership of the U.S. Environmental Protection Agency that reduces greenhouse gases and other air pollutants and improves fuel efficiency.

See the latest innovations from Epson Business Solutions at www.epson.com/forbusiness



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