

TM-T20III Thermal Receipt Printer



Thermal Receipt Printer

POS

The affordable POS printer with reliable performance and added flexibility.

Affordable — thermal printer designed with the reliability and flexibility that retailers need

mPOS/tablet support¹ — Epson® ePOS™ SDK (iOS®/Android™) support on the Ethernet model; DHCP is enabled and automatically retrieves the printer IP address

Fast print speeds — up to 250 mm/sec

Enhanced print options — reduce paper usage up to 30 percent

Reliable printhead — 150 km/150 million pulses¹

Auto-cutter life — 1.5 million cuts¹

Comprehensive service and support — dedicated technical resource team and customized solutions; 2-year limited warranty

Printer

Print Method Thermal line printing
Print Speed Max. 250 mm/sec (9.84"/sec)
Fonts 9 x 17 and 12 x 24 dots/character (W x H)
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) QR-CODE, MaxiCode, PDF417, Composite Symbology, GS1-128, GS1 DataBar, 2DGS1 DataBar, ITF, Datamatrix, Aztec
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 48 – 80 µm

General

Connectivity
 Built-in USB + Serial Interface
 Built-in USB + Parallel Interface
 Ethernet Interface
 Wireless Interface (Ethernet + OT-WL06); 802.11 b/g/n/ac (Wi-Fi® 5GHz) Dual Band
Printing from a Mobile Device
 Supported (mobile) operating systems: Wireless (802.11), 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/ICES-003 Class A/NMB-3 (A)
Safety Standards UL60950-1/CSA C22.2 No.60950-1
Case Color Epson Black
Reliability¹
 MTBF: 360,000 hours
 MCBF: 60,000,000 lines
 Auto cutter: 1.5 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. 29.5 W
 Standby: Approx. 0.80 W
Power Source 100 24 VDC ± 7%, 50/60 Hz, External (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 in the Box

TM-T20III thermal receipt printer, thermal roll paper (starter roll for testing/operating check), Ethernet cable (may not be included depending on the model), AC cable (may not be included depending on the model), setup guide, wall hanging bracket

Warranty

2-year standard limited warranty

Eco Features

RoHS compliant
 Multiple models are ENERGY STAR® qualified
 Recyclable product²
 Epson America, Inc. is a SmartWay® Transport Partner³

Ordering Information

TM-T20III USB + Serial	C31CH51001
TM-T20III USB + Parallel	C31CH51A9981
TM-T20III Ethernet	C31CH51A9972
TM-T20III Wireless	C31CH51A9991
OT-WL06 Optional Wireless Adapter	C32C891321

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 www.P65Warnings.ca.gov

¹ 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. | ² For convenient and reasonable recycling options, visit www.epson.com/recycle | ³ 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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