

# 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 support<sup>1</sup>** — 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 pulses<sup>1</sup>

**Auto-cutter life** — 1.5 million cuts<sup>1</sup>

**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

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](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. | 2 For convenient and reasonable recycling options, visit [www.epson.com/recycle](http://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](http://www.epson.com/forbusiness)

**Better Products for a Better Future™**  
[eco.epson.com](http://eco.epson.com)



**Epson America, Inc.**  
3840 Kilroy Airport Way, Long Beach, CA 90806

**Epson Canada Limited**  
185 Renfrew Drive, Markham, Ontario L3R 6G3

**www.epson.com**  
**www.epson.ca**

Specifications and terms are subject to change without notice. EPSON is a registered trademark, EPSON Exceed Your Vision is a registered logomark and Better Products for a Better Future is a trademark of Seiko Epson Corporation. ePOS is a trademark of Epson America, Inc. Mac, macOS and OS X are trademarks of Apple Inc., registered in the U.S. and other countries. Android is a trademark of Google LLC. Windows is either a registered trademark or trademark of Microsoft Corporation in the United States and/or other countries. Wi-Fi® is a registered trademark of Wi-Fi Alliance®. SmartWay is a registered trademark of the U.S. Environmental Protection Agency. All other product and brand names are trademarks and/or registered trademarks of their respective companies. Epson disclaims any and all rights in these marks. Copyright 2019 Epson America, Inc. Com-SS-Oct-13 CPD-58120 11/19

Contact: