

## TM-T20IIIL Thermal Receipt Printer



Thermal Receipt Printer

POS

### The reliable, affordable POS printer with enhanced connectivity.

**Affordable** — the entry-level thermal printer with a modern, industrial design

**Embedded power supply** — more efficient design; no need to purchase separate power source

**Dual-interface connectivity** — choose the model that works best for you; USB/Serial model or Ethernet model available

**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 200 mm/sec

**Enhanced print options** — reduce paper usage up to 30 percent<sup>2</sup>

**Reliable printhead** — 100 km/100 million pulses<sup>3</sup>

**Auto-cutter life** — 1.5 million cuts<sup>3</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. 200 mm/sec  
**Fonts**  
 Font A (default): 12 x 24 (including 2-dot horizontal spacing)  
 Font B: 9 x 17 (including 2-dot horizontal spacing)

**Column Capacity**  
 Standard: Paper width 80 mm model, 48/64 columns  
 42-column Mode: Paper width 80 mm, 42/60 columns

**Character Size (W x H)**  
 Font A: 1.25 x 3 mm  
 Font B: 0.88 x 2.13 mm

**Character Set** 95 Alphanumeric, 43 pages of extended graphic (128x43), 18 sets of international characters

**Barcode**  
 UPC-A/E, JAN 13 (EAN 13), JAN 8 (EAN 8), Code 39/93/128, ITF, CODABAR (NW-7), QR-CODE, MaxiCode, Composite Symbology, GS1-128, GS1 DataBar Omnidirectional/Truncated/Limited/Expanded

**Media Handling**

**Media Dimensions**  
 80 mm: 79.5 ± 0.5 mm  
 3.27" (Maximum outer diameter)  
**Thickness** 53 – 75 µm

**General**

**Standard Connectivity**  
 Built-In USB + Serial (RS-232C) Interface or Ethernet interface only

**Epson ePOS Print Technology**  
 Supports ePOS-Print service for direct printing from mobile devices or Web-based applications via iOS, Android and Windows® operating systems (Ethernet model only)

**Dimensions (W x D x H)** 5.51" x 7.56" x 5.39" (140 x 192 x 137 mm)

**Weight** 3.31 lb (1.5 kg) (paper roll excluded)

**EMI Standards** FCC/ICES-003 Class A

**Safety Standards** UL62368-1/CSA C22.2 No. 62368.1

**Case Color** Epson Black (EBCX)

**Reliability**

MTBF: 360,000 hours

MCBF: 60,000,000 lines

Auto cutter: 1.5 million cuts<sup>1</sup>

**Options**

External buzzer unit (OT-BZ20)

**Installation** Horizontal

**Power Consumption**

Operating: Approx. 28.7 W (mean)

Standby: 0.96 W

**Power Source** 100 to 240 VAC, 50/60 Hz, External (AC cable included)

**Software and Utilities**

**Backup/Restore** TM-T20III Utility (Windows)

**OS Support**

- Windows 7/8/8.1/10, Windows Server® 2008/2008 R2/2012/2012 R2/2016/2019, Windows Embedded Standard 7/POS Ready7/8.1 Industry
- Linux Ubuntu 18.04/Cent OS 7 1810, openSUSE13.1
- Mac® OS 10.12/10.13/10.14, OS X 10.10.5/10.11

**Driver Support**

- Windows: Advanced printer driver, OPOS ADK, OPOS for .Net, JavaPOS ADK, Virtual Port Driver
- Linux: CLIPS driver, JavaPOS ADK
- Mac: Mac driver

**What's in the Box**

TM-T20III thermal receipt printer, thermal roll paper (starter roll for testing/operating check), AC cable (may not be included depending on the model), and User's Guide

**Warranty**

2-year standard limited warranty

**Eco Features**

RoHS compliant

Recyclable product<sup>4</sup>

Multiple models are ENERGY STAR® qualified

Epson America, Inc. is a SmartWay® Transport Partner<sup>5</sup>

**Ordering Information**

Model	Interface	Part Number
TM-T20III	USB+Serial (RS-232C)	C31CH26001
TM-T20III	Ethernet	C31CH26002

Contact your Epson representative for additional models.

<sup>1</sup> Available on the Ethernet model only. | <sup>2</sup> Paper savings depend on the text and graphics printed on the receipt. | <sup>3</sup> Proper use of tested media is consistent with the printer warranty, but damage from use of non-tested media is not covered by the printer warranty. Epson's statements about reliability levels are only estimates based on normal use of the printer using tested media only. These reliability statements or Epson's statements about tested media are not warranties of the media or Epson's printers. Epson makes no warranties about media, tested or otherwise, and the only warranties for printers are the limited warranty statements for each printer. | <sup>4</sup> For convenient and reasonable recycling options, visit [www.epson.com/recycle](http://www.epson.com/recycle) | <sup>5</sup> SmartWay is an innovative partnership of the U.S. Environmental Protection Agency that reduces greenhouse gases and other air pollutants and improves fuel efficiency.

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eco.epson.com

Epson America, Inc.  
3131 Katella Ave., Los Alamitos, CA 90720



Epson Canada Limited  
185 Rantreux Drive, Markham, Ontario L3R 6G3



[www.epson.com](http://www.epson.com)  
[www.epson.ca](http://www.epson.ca)

Contact:

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