

Overview

Epson TM-T20III Thermal Receipt Printer



Models

Epson TM-T20III Thermal Receipt Printer

340U3AA

Introduction

Epson TM-T20III Thermal Receipt Printer is a reliable, affordable POS printer with enhanced connectivity.

Key Benefits

- Entry-level thermal printer with a modern industrial design
- More efficient design; no need to purchase separate power source
- USB/Serial model
- Print speeds up to 200 mm/sec
- Reduce paper usage by up to 30 percent¹
- Printhead 100 km/100 million pulses
- Auto-cutter life 1.5 million cuts²
- 3-year limited warranty when purchased from HP

¹ Paper savings depend on the text and graphics printed on the receipt.

² Proper use of tested media is consistent with the printer warranty, but damage from use of non-tested media is not covered by the

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printer warranty. HP's statements about reliability levels are only estimates based on normal use of the printer using tested media only. These reliability statements or HP'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.

Compatibility

The Epson TM-T20III Thermal Receipt Printer is compatible with the HP Point of Sale Systems.

NOTE: Not all Point of Sale system models are available in all regions.

Service and Support

Three (3) year limited warranty when purchased from HP.

Technical Specifications

General

Fonts	Font A (default): 12 x 24 (including 2-dot horizontal spacing) Font B: 9 x 17 (including 2-dot horizontal spacing)
Character Set	95 Alphanumeric, 43 pages of extended graphic (128x43), 18 sets of international characters (including user-defined page); Standard firmware includes Traditional/Simplified Chinese, Thai and Korean; requires utility to set the desired language support.
Receipt-Columns Paper	Column Capacity: Standard: Paper width 80 mm model, 48/64 columns 42-column Mode: Paper width 80 mm, 42/60 columns Media Dimensions: 80 mm: 79.5 ± 0.5 mm; 3.27" (Maximum outer diameter) Thickness: 53 – 75 µm
Knife	Auto Cutter
Barcodes	UPC-A/E, JAN 13 (EAN 13), JAN 8 (EAN8), Code 39/93/128, ITF, CODABAR (NW-7), QR-CODE, MaxiCode, Composite Symbology, GS1-128, GS1 DataBar Omnidirectional/Truncated/ Limited/Expanded
Print method	Thermal line printing
Print speed	200 mm/second (max)
Mechanical	Dimensions (WxDxH) 5.51" x 7.56" x 5.39" (140 x 192 x 137 mm)
	Weight 3.31 lb (1.5 kg) (paper roll excluded)
	Color Epson Black (EBCK)
Interface/Connection	Interface Built-in USB + 9-pin Serial (RS-232) interface
Power	Consumption Operating: Approx. 28.7 W (mean) Standby: 0.96 W
Temperature Range	Operating 5 to 45°C (41 to 113°F) at 10 to 90% Humidity
Drivers	Windows: Advanced printer driver, OPOS ADK, OPOS for .Net, JavaPOS ADK, Virtual Port Driver Linux: CUPS driver, JavaPOS ADK
Development Kit	Epson ePOSTM SDK (iOS, Android, JavaScript), TM Print Assistant (iOS, Android), OPOS ADK/OPOS ADK for .NET (Windows), JavaPOS ADK (Windows, Linux)

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Software	TM-T20III Utility (Windows)
Operating System Compatibility	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
Reliability	MTBF: 360,000 hours MCBF: 60,000,000 lines Auto cutter: 1.5 million cuts
Agency Certifications	FCC/ICES-003 Class A UL62368-1/CSA C22.2 No. 62368.1 RoHS compliant Recyclable product ¹ ENERGY STAR® qualified
	¹ For convenient and reasonable recycling options, visit www.epson.com/recycle
Box contents	TM-T20III thermal receipt printer, thermal roll paper (starter roll for testing/operating check), AC cable, and User's Guide. Power supply is integrated into the printer. Cable kits not included.
Cable kits	Recommended cables: 1C5A0AA - Epson 6-ft USB Cable OR 2LR29AA - Epson 10-ft USB Cable 5R8R4AA - 10-ft Serial Port DB9 to DB9 Cable black

Summary of Changes

Date of change:	Version History:		Description of change:
February 13, 2022	From v1 to v2	Changed	Key Benefits section
August 5, 2022	From v2 to v3	Changed	General section

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