EPSON®

UniLink™

TM-T20III Thermal Receipt Printer

Contact Us
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The affordable POS printer with reliable performance and added flexibility.

The affordable TM-T20III thermal receipt printer is the perfect solution for retailers looking for reliable performance and the flexibility to support existing POS and mPOS systems. Choose from the Serial, Parallel, wireless or Ethernet model. The Ethernet model makes it easy to print from smart devices with mPOS/tablet POS functionality. With speeds up to 250 mm/second and options to reduce paper usage, the TM-T20III is the smart choice for retailers looking for a fast, efficient POS solution. A reliable performer you can count on, it offers a 150 km printhead[1] and an auto-cutter life of 1.5 million cuts[1].

Overview ▶

- **Affordable** — thermal printer designed with the reliability and flexibility that retailers need
- **mPOS/tablet support** — 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[1]
- **Auto-cutter life** — 1.5 million cuts[1]
- **Comprehensive service and support** — dedicated technical resource team and customized solutions; 2-year limited warranty

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

Specifications

Print Other:

Printing Technology:
Thermal line printing

Print Speed:
Max. 250 mm/sec (9.84"/sec)

General:

Dimensions:
5.51" x 7.83" x 5.75" (140 mm x 199 mm x 146 mm) (W x D x H)

Weight:
3.75lb (1.7 kg)

Safety Approvals:
- EMI Standards: FCC/ICES-003 Class A/NMB-3 (A)
- Safety Standards: UL60950-1/CSA C22.2 No.60950-1

Case Color:
Epson Black

Warranty:
2-year standard limited warranty

Print Fonts:

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

Character Size:
0.08 x 2.13 mm and 1.25 x 3.00 mm

Fonts:
9 x 17 and 12 x 24 dots/character (W x H)

Character Set:
95 Alphanumeric, 18 International, 128 x 43 Graphic

Characters per Inch:
22.6 and 16.9 cpi

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

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

Connectivity:

Standard 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

POS Details:

Reliability:
- MTBF: 360,000 hours[1]
- MCBF: 60,000,000 lines[1]
- Auto cutter: 1.5 million cuts[1]

D.K.D.:
2 drivers

Software Included:
- 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

Options:
- External buzzer unit (0T-BZ20)
- Horizontal/vertical on counter/vertical on wall with wall hanging bracket

Power:

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)

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