

EP80-DTM

DESKTOP 80 MM THERMAL PRINTER

EP80-DTM Desktop 80mm Thermal Printer is a reliable, high-speed solution for everyday receipt and ticket printing at counters and POS stations.

Designed for hospitality and retail, this desktop thermal printer delivers kiosk-grade performance in a compact, standalone format. It's ideal for businesses that need fast transactions without complex installation.



FEATURES

- Thermal dot line printing technology
- 203 dpi resolution with 576 dots per line
- High-speed printing – up to 250 mm/s for fast and efficient output
- 80 mm receipt paper support
- Compatible with 80 mm diameter roll paper
- Supports paper thicknesses ranging from 55 to 100 gsm
- Full and partial cut functionality available
- Highly reliable cutter – MTBF of over 1,000,000 cuts for long-term performance
- Serial, USB, LAN, parallel, and cash drawer interfaces
- Windows, Linux, and OPOS driver compatibility

ADVANTAGES

- Compact desktop format ideal for space-limited counters
- Standalone solution with no kiosk integration required
- High-speed output reduces customer waiting time
- Printers stocked in Europe for immediate availability
- Short lead times with quick delivery from our European warehouses
- Local support for efficient communication and responsive assistance
- Fast service and repair turnaround, supported by our European operations

INDUSTRY VERTICALS

The EP80-DTM Desktop 80 mm Thermal Printer fits seamlessly into multiple industries:

- **Bars and Pubs** — fast receipt printing for high-volume service and sports betting environments
- **Retail Shops and Boutiques** — reliable POS receipt output at checkout counters
- **Catering and Accommodation** — efficient order and transaction printing in hospitality operations
- **Hospitality POS Systems** — dependable performance in busy front-of-house setups



TECHNICAL SPECIFICATION

Printing

Printing Method	Thermal dot line
Resolution	203 dpi
Dots per line	576
Printing speed	250 mm/s
Paper width	80 mm
Printing width	72 mm
Paper roll diameter	80 mm
Paper weight	55-100 gsm
Paper thickness	0.06~0.12 mm
Print head life	100 km
Cutter life	1,000,000 cuts
Cut mode	Fully cut & partial cut
Printing format	Highlighting, underlining, italics, bold, etc
Character set	ASCII
Printing direction	90°, 180°
PCB Memory	4 MB
Data Buffer	64 KB

Font

ASCII	9*17 ; 12*24 dots
Chinese	24*24 dots
Barcode	1D, 2D

Software

Driver	Windows, Linux, OPOS
Tools	MSPrinterTools upon request

Mechanical

Dimension w/ bezel	132.6 mm (L) x 135 mm (W) x 133 mm (H)
Power Supply	24V DC±10%
Working current	2A Mean, 5.5A Peak
Idle current	2A
Interface	Serial port, USB, parallel port, network port, cash box
Weight w/o paper spindle	1.05 kg
Operating temperature	-10 - 50 °C
Storage temperature	-20 - 60 °C
Operating humidity	20 - 85%
Storage humidity	10 - 90%
Certification	UKCA/CE/RoHS/FCC/UL

Part Number

EP80-DTM Desktop 80 mm Thermal Printer	23101285
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