Epson TM-T88VII (112)

Epson TM-T88VII (112): USB, Eth, Serial, PS, Buzz, Black

PRINT TECHNOLOGY
Thermal

RESOLUTION
180 x 180 DPI

PRINT SPEED
500 mm/sec

CONNECTIVITY
USB, Ethernet

OVERVIEW

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KEY FEATURES

- Reliable hardware: Backed by our tried and trusted build quality
- High performance: Max print speed 500mm/s
- Connectivity and interface options: USB, Ethernet, USB Host as standard; serial, PoweredUSB, options
- Backwards compatible: Fully compatible with the existing T88V and T88VI software
- Reduced environmental impacts: Low power consumption, support for Phenol-free paper

TECHNICAL SPECIFICATIONS

Printing

Character sets	ANK
Type	POS printer
Print technology	Thermal
Print speed	500 mm/sec
Maximum resolution	180 x 180 DPI
Character size	1.41 x 3.39 mm
Printing characters	Text, Graphic, Barcode, 2D barcode

Paper handling

Media thickness	48 - 80 mm
Supported paper width	80 mm
Printing media thickness	48 - 80 µm
Maximum roll diameter	8.3 cm

Ports & interfaces

Interface	Wireless LAN IEEE 802.11a/b/g/n/ac (optional), USB 2.0-A, USB 2.0, RS-232, Ethernet interface (100 Base-TX / 10 Base-T), Drawer kick-out
Connectivity technology	Wired & Wireless
USB port	Yes
USB connector	USB Type-A / USB Type-B
Serial interface	Yes
Serial interface type	RS-232
Near Field Communication (NFC)	Yes
Optional connectivity	Wireless LAN

Network

Ethernet LAN	Yes

Print technology

Column capacity	42/56

Technical details

Pre-installed software	Server Direct Print, ePOS-Device, ePOS-Display, ePOS-Print
Mean cycles between failures (MCBF)	70000000
Built-in sensors details	Paper End Sensor, Paper Near End Sensor, Cover Open Sensor, Receipt paper sensor
Product colour	Black
Buffer size	4 KB

Specifications are supplied by the manufacturer and may change without notice. Issued October 2026.

Autocutter durability	3 million cuts
Country of origin	Philippines
Box contents	Connector Cover, Main unit, PS-190 & AC cable, Paper roll spacer, Power switch cover, Roll paper
Lifetime	20000000 lines
Changeable interface	Yes

Features

Mean time between failures (MTBF)	360000 h
Certification	CE
Sound pressure level (printing)	52 dB
Print head life	200 km
Sound pressure level (standby)	52 dB
Wall mountable	Yes
Mounting position	Horizontal/Vertical
Paper save function	Yes

Power

AC input voltage	24 V
Power consumption	27900 mA
Power consumption (printing)	27.9 W
Power consumption (standby)	1400 mA

Operational conditions

Storage temperature (T-T)	-10 - 50 °C
Storage relative humidity (H-H)	10 - 90%
Operating temperature (T-T)	5 - 45 °C
Operating relative humidity (H-H)	10 - 90%

Weight & dimensions

Width	145 mm
Depth	195 mm
Height	148 mm
Package width	195 mm
Package depth	235 mm
Package height	260 mm
Package weight	2.7 kg
Weight	1.7 kg

Order or get advice
Speak to the BarcodeGenie team about compatible labels, ribbons and setup.

0113 487 7434
website@barcodegenie.co.uk
Scan to view this product online.

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