Epson TM-L90LF (682)

Epson TM-L90LF (682): Serial, built-in USB, PS, EDG, Liner-free



PRINT TECHNOLOGY
Direct thermal

RESOLUTION
203 x 203 DPI

PRINT SPEED
90 mm/sec

CONNECTIVITY
USB

OVERVIEW

Thermal Line, 90 mm/sec, 203 x 203 DPI, USB 2.0 Type B, RS-232, 4 kB

KEY FEATURES

- Built-in taken sensor: Automatic next label printing
- Media flexibility: 40, 58 and 80mm media widths
- Speed: Print speeds of up to 170mm/sec
- Paper-saving: Improved paper reduction function
- Easy installation: Three mounting positions

TECHNICAL SPECIFICATIONS

Print quality

Maximum resolution	203 x 203 DPI

Printing

Print speed	90 mm/sec
Print technology	Direct thermal
Printing characters	Text, Graphic

Memory

Buffer size	4 KB

Ports & interfaces

Interface	USB 2.0, Drawer kick-out, RS-232
Connectivity technology	Wired
USB port	Yes

Paper handling

Supported paper width	80 mm
Maximum roll diameter	10.2 cm
Autocutter durability	1 million cuts
Half-cutter	Yes

Performance

Mean time between failures (MTBF)	360000 h
Mean cycles between failures (MCBF)	35000000
Character sets	ANK
Certification	VCCI-Class A, CE
Cutter	Yes
Sound pressure level (printing)	52 dB

Design

Product colour	Dark Grey

Power

Power consumption	1800 mA

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

AC input voltage	24 V

Technical details

Safety	TÜV
Country of origin	China
Box contents	Main unit, PS-180, Paper roll spacer, User manual

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

Package width	195 mm
Package depth	255 mm
Package height	240 mm
Width	140 mm
Depth	148 mm
Height	203 mm
Weight	1.9 kg
Package weight	2.76 kg

Packaging content

Manual	Yes

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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