Epson TM-L90 Plus
Label and Receipt Printer

Epson's TM-L90 Plus thermal printer offers a high-quality, versatile solution for both label and receipt printing. It is ideal for retailers who want to accomplish multiple printing tasks using a single cost-effective printer.

- Prints at a clear 203 x 203 dpi
- Print speeds up to 150mm/second
- Compatible with leading business label software applications using Windows® drivers
- Easy, drop-in paper loading of rolls up to 90mm (3.5") in diameter
- Dual interfaces standard including built-in USB plus one UIB interface
- One-year limited warranty

High-speed printing of labels and receipts
The TM-L90 Plus is ideal for a wide range of applications for retail, hospitality, QSR and pharmacy labeling. It features fast print speeds of up to 150mm per second in high-speed mode and prints at a clear 203 x 203 dpi. It easily handles a variety of print stock for labels, receipts and tickets and offers continuous printing on liner labels. Cost-effective thermal labels are available in a variety of sizes.

Ready to use with label software
The TM-L90 Plus label printer is compatible with a wide range leading business label software applications using Windows drivers for a variety of vertical markets.

Dual interfaces standard
In addition to its other advanced features, the TM-L90 Plus comes with dual interfaces for flexibility in handling interface transitions. These include a built-in USB and one additional interface including serial, parallel, Bluetooth, Ethernet or WiFi.

Get the flexibility you need
You can install the TM-L90 Plus on a counter or wall using an optional wall-hanging bracket. It takes paper rolls up to 3.5 inches (90mm) in diameter to reduce paper changes, and its paper roll spacer lets you adjust paper width from 38mm to 70mm (1.50 to 2.75 inches). Barcodes can be printed either vertically or horizontally, including PDF417, MaxiCode and QRCode. And its flexible page mode gives you a variety of options for label and receipt layouts.

Reliability you can count on
With an MCBF of 70 million lines and an autocutter life up to 2 million cuts, you can count on the TM-L90 Plus for reliable printing day after day. Its straight paper path means less time wasted on paper jams and drop-in paper loading makes paper replacement easy.

Backed by the leader
The TM-L90 Plus is designed and built with the high quality and reliability that Epson is known for. And it is backed by Epson's industry-leading service and support programs.

EPSON®
EXCEED YOUR VISION

All the features you need

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- Easy, drop-in paper loading of rolls up to 90mm (3.5") in diameter
- Cost-effective labels available
- One-year limited warranty

Printer

Print method	Thermal line printing
Print resolution	203 x 203 dpi
Print speed	150mm/sec, 5.9"/sec high-speed mode; 120mm/sec, 4.7"/sec normal mode
Print font	
Fonts	9 x 17 / 12 x 24
Column capacity	64/48/72 (columns)
Character size	1.13 x 2.13 / 1.5 x 3.0 / 1.0 x 2.0 (W x H mm)
Character set	95 Alphanumeric, 37 International, International 18sets, 128x47 graphics, 128 x 11 Graphic Traditional/Simple Chinese, Thai, Japanese
Barcode	UPC-A, UPC-E, JAN8 (EAN), Jan13 (EAN), ITF, CODE39, CODE93, CODE128, CODABAR, PDF417, MAXICODE, QRCODE
Characters per inch	22.6 cpi (9 x 17 font)/16.9 cpi (12 x 24 font)
Paper width	38mm (1.50"), 60mm (2.76"), 80mm (3.14")
Paper diameter	90mm (3.5") maximum
Reliability	
MTBF	360,000 hours
MCBF	70,000,000 lines
Autocutter	2 million cuts receipts, 1 million cuts labels

General information

Interface	Built-in USB interface + another selection: serial RS-232C, parallel IEEE-1284, high-speed USB, powered USB, Ethernet 10/100Base-T/TX, Bluetooth, WiFi (only one interface can be used at a time)
Data buffer	4K or 45 bytes
Power	24 VDC ± 7%
Power consumption	Approx. 1.8A (mean)
D.K.D. function	2 drivers
Overall dimensions	5.5" x 5.8" x 8.0" (140 x 148 x 203 mm) (W x D x H)
Weight	Approx. 4.18 lb (1.9 kg)
Color	Epson Dark Gray (EDG)
Factory options	PS-180 AC adaptor, paper roll spacer, wall-hanging bracket WH-10
EMI standards	VCCI class A, FCC class A, CE marking, Canada EMI, AS/NZS 3548, AS/NZS CISPR22 Class A
Safety standards	UL, CSA, TÜV (EN60950)
Environmental standards	WEEE, RoHS compliant
Operating systems	Windows 2000/XP/Vista/7/8, Windows Embedded POS Ready 7/2009, Windows Server 2008/2012

What's in the box

TM-L90 Plus
Thermal roll paper (starter roll for operation check)
User guide
Power supply with AC cable

8.0"
5.5"
5.8"

Ordering information*

Product	Color	Model Number
Ethernet	EDG	C31C412A8271
Serial	EDG	C31C412416

*Contact your Epson Representative for additional models, interfaces and colors.

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www.L-TronDirect.com

800-830-9523

info@L-Tron.com

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