

TM-L90 Plus

Liner-free Compatible Label Printer



Thermal Label Printer

POS

Cost-effective, liner-free label printing for QSRs and food service.

Compatible — uses NCR Sticky Media™ liner-free adhesive labels

Efficient — improves order accuracy and customer satisfaction

Convenient — built-in USB for flexible connectivity

Fast — print speeds of up to 170 mm/sec

Cost-effective — enhanced print options reduce paper usage up to 30 percent

Versatile — 40, 58 and 80 mm print width support

Smart — automatically detects media type and paper width

Energy-efficient — reduced power consumption

Printer

Print method Thermal line printing
Print speed 170 mm/sec (thermal receipt); 90 mm/sec (label media)
Print resolution 203 x 203 dpi
Print font Font (A/B)
40 mm: 12 x 24, 7 x 17 / 9 x 17, 7 x 17
58mm: 13 x 24, 10 x 17 / 10 x 17, 7 x 17
80mm: TM-T88 compatible mode 13 x 24 / 10 x 17;
 TM-L90 compatible mode 12 x 24 / 9 x 17
Column capacity 64/48 columns
Character size 1.13 x 2.13 / 1.5 x 3.0 / 1.0 x 2.0 mm (W x H)
Character set 95 Alphanumeric, 37 International, 128 x 11 Graphic
Barcode UPC-A, UPC-E, JAN8 (EAN), JAN13 (EAN), ITF, CODE39, CODE93, CODE128, CODABAR, PDF417, MAXICODE, QR Code
Reliability MTBF 360,000 hours, MCBF 70 million lines (receipts), 35 million lines (labels)
 Autocutter: 2 million cuts (receipts), 1 million cuts (labels)

Media

Paper width 40 mm, 80 mm, 58 mm
Paper diameter 4" (102 mm)
Media thickness 2 mil to 8 mil, depending on media type

General Information

Interface Built-in USB interface + another selection; serial RS-232c, parallel IEEE-1284, Ethernet, Powered USB, Wireless
Data buffer 4K or 45 bytes
Power 24 VDC±7%
Power consumption Approx. 1.7A (mean)
D.K.D. function 2 drawers
Color Epson Dark Gray, Epson Cool White
Factory options PS-180 AC adapter, paper roll spacer, wall-hanging bracket WH-10
Environmental standards WEEE, RoHS compliant
EMI standards VCCI class A, FCC/ICES-003 Class A, CE marking, Canada EMI, AS/NZS CISPR22 Class A
Safety standards UL, CSA, TÜV (EN60950)
Warranty One-year limited warranty
Overall dimensions (W x D x H)
 5.5" x 5.8" x 7.9" (140 mm x 148 mm x 203 mm)
Weight Approx. 4.19 lb (1.9 kg)



What's in the Box

TM-L90 Plus LFC Printer, Thermal roll paper (starter roll for operation check), User Guide, Power supply with AC cable

Ordering Information*

Ethernet, Built-in USB	C31C412A7971
EDG (Epson Dark Gray)**	
Serial, Built-in USB	C31C412A7991
EDG (Epson Dark Gray)**	
NCR Sticky Media, 40 mm	9023-1257
NCR Sticky Media, 58 mm	9023-1823
NCR Sticky Media, 80 mm	9023-1253

*Contact your Epson representative for additional models.

**Includes AC adapter (PS-180-343)

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