

EPSON® TM-L90

Liner-free Compatible Label Printer



Epson's TM-L90 liner-free compatible label printer offers fast, cost-effective, liner-free label printing for food service where adhesive labels can help improve efficiency, order accuracy and customer satisfaction.

- Cost-effective liner-free label printing for QSRs and food service
- Uses NCR Sticky Media™ liner-free adhesive labels
- Fast printing speeds of up to 170mm/second
- Top margin reduction can reduce label length by 5% or more
- Automatic media type and paper width detection
- Low power consumption

Ideal for QSRs and food service

The TM-L90 liner-free compatible label printer is ideal for food service applications where speed of service and order accuracy are critical to reducing operating costs and improving customer satisfaction. It also can be used as a thermal receipt printer when needed.

All the features you need

The TM-L90 liner-free label printer has all the features you need to print "stay stuck" labels quickly and easily. It prints labels at speeds up to 90mm per second and receipts up to 170mm per second at a crisp 203 x 203 dpi. It also supports variable length label output, and accepts 40mm or 80mm label and receipt rolls that are up to 4" in diameter.

Reduces material costs & waste

Epson's TM-L90 liner-free label printer features top margin reduction that can reduce the length of each label by 5% or more. And because the labels are liner-free it also eliminates the potential safety hazards and waste created by liners used on standard labels.

Liner-free label media

The TM-L90 liner-free label printer was designed specifically for use with the NCR Sticky Media™. Tested extensively in demanding food service environments, NCR Sticky Media has proven to be highly reliable and food safe.

Integration is easy

The TM-L90 liner-free label printer supports multiple interfaces including serial, parallel, Ethernet, USB and wireless, and is compatible with all major POS systems.

Features Epson reliability

With an MCBF of 70 million lines for receipts and 35 million lines for labels, plus a MTBF of 360,000 hours, the TM-L90 delivers the reliability customers expect from Epson.

Backed by the leader

The TM-L90 liner-free compatible label printer is backed by Epson's industry-leading service and support programs and comes with a one-year limited warranty.

Compact Thermal Printer for Liner-free Labels and Receipts

All the features you need

- Cost-effective liner-free label printing for QSRs and food service
- For use with NCR Sticky Media™ liner-free adhesive labels or thermal receipt printing
- Fast printing speeds up to 90mm/sec for labels and 170mm/sec for receipts
- Top margin reduction reduces media usage and waste
- Low power consumption
- One-year limited warranty

Printer

| | |
|------------------|---|
| Print method | Thermal line printing |
| Print speed | 170mm/sec (thermal receipt); 90mm/sec (label media) |
| Print resolution | 203 x 203 dpi |
| Print font | |
| Font (A/B) | 40mm: 12 x 24, 7 x 17 / 9 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 2.0mm (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 |
| Paper width | 40mm or 80mm |
| Paper diameter | 4" (102mm) |
| Media thickness | 2 mil to 8 mil, depending on media type |
| Reliability | |
| MTBF | 360,000 hours |
| MCBF | 70 million lines (receipts), 35 million lines (labels) |
| Autocutter | 2 million cuts (receipts), 1 million cuts (labels) |

General information

| | |
|-------------------------|--|
| Interfaces | Universal Interface Board (UIB); provides access to connections for Serial, Parallel, USB, 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 |
| Overall dimensions | 203(H) x 140(W) x 148(D)mm (8.0" x 5.5" x 5.8") |
| Mass | Approx. 1.9 kg (4.18 lbs) |
| Color | Epson Dark Gray (EDG), Epson Cool White (ECW) |
| Factory options | PS-180 AC adaptor, paper roll spacer |
| Operating systems | Microsoft® Windows® 7, Vista, XP |
| Environmental standards | WEEE, RoHS compliant |
| EMI standards | VCCI class A, CE marking, Canada EMI, AS/NZS 3548 |
| Safety standards | UL, CSA, TÜV (EN60950) |
| Font emulation | TM-T88 series (180 dpi), Ithaca (203 dpi) font emulation available |
| Warranty | One-year limited warranty |



Inch values are approximate
 dpi: dots per 25.4mm (dots per inch)
 cpi: characters per 25.4mm (characters per inch)
 lps: lines per second

Ordering information*

| Product | Features | Model Number |
|------------|----------------------------|--------------|
| TM-L90-E03 | Ethernet, EDG** | C31C412A8461 |
| TM-L90-P02 | Parallel, EDG** | C31C414A8931 |
| TM-L90-S01 | Serial RS232, EDG** | C31C414A8911 |
| TM-L90-U04 | Powered USB, EDG** | C31C414A8891 |
| TM-L90 | ECW, No UIB Interface** | C31C412601 |
| | NCR Sticky Media™, 40mm*** | 9023-1055 |
| | NCR Sticky Media™, 80mm*** | 9023-0839 |

*Contact your Epson representative for additional models.

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

***For NCR Sticky Media™, visit <http://www.ncr.com>

Packaging specifications

Single box dimensions (L x W x H) 10.11" x 7.59" x 9.48"/257 x 193 x 241 (mm)

Units per pallet: AIR 6 units per layer, 5 layers = 30 units (pallet weight = 339kg)

Units per pallet: OCEAN 6 units per layer, 7 layers = 42 units (pallet weight = 466kg)



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Latest Hardware from top manufacturers

- Legacy handles virtually every major manufacturer of mobile computing, barcoding and point of sale equipment.

Expert Repair and Maintenance services

- Legacy is one of the best repair facilities in North America

Discontinued product sourcing

- They don't make it anymore? Our inventory also includes manufacturer close-outs and discontinued equipment to support our clients legacy infrastructure.

Trade-in and Disposal services

- That old equipment laying around your facility may still have some value. Legacy routinely purchases equipment from our clients around the globe.
 - Data destruction
 - Hardware disposal
 - Auditing services

Dedicated client account team

- Dedicated, highly trained account managers are here to answer all your questions and provide top notch service.

Equipment rental services

- Sometimes renting is a better solution, Legacy's huge rental inventory provides the equipment you need for temporary needs and projects.



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