Label printer with liner-free media support, advanced tablet connectivity and online ordering.

Main features

- **Extensive support for liner-free labels and receipts:** Epson Tested Media[1] supports a wide variety of labels with high adhesive strength that are ideal for a wide variety of applications in restaurants, retail, and more.

- **Flexible connectivity:** for virtually any environment with Serial, USB, Ethernet, Bluetooth® and optional Wi-Fi®.

- **Reliability you can count on:** engineered for liner-free labels and receipts with auto cutter and high durability printhead[2].

- **Online ordering ready:** Server Direct Print[3] allows the printer retrieve orders from a Web server and print a label without POS software integration.

- **Advanced label-saving features:** top margin and character height reduction features help reduce media usage up to 46%[4].

1 year limited
warranty[5]

Paper
saving[4]

Compact
and robust
design

TM-L100

Specification sheet

Print

Print Method	Thermal
Print Speed[6]	70 mm/sec (receipt and liner-free label media)
Print Resolution	203 x 203 dpi

Media Handling

Media Widths	80 mm: 79.5 ± 0.5 mm (3.13 ± 0.02")
	58 mm (default): 57.5 ± 0.5 mm (2.26 ± 0.02")
	40 mm (liner-free label media only): 39.5 ± 0.5 mm (1.56 ± 0.02")
Roll Diameter (Max)	102 mm (4.02")
Core Diameter (Min.)	Thermal receipt roll: 18 mm (0.71"); Label roll: 31.8 mm (1.25")
Paper Sensors	Taken sensor and near-end sensor
Paper Back Feed	Yes

Print Fonts

Character Structure (Standard Column Mode)	Font A (default): 12 x 24 dots Font B: 9 x 17 dots
Characters per Line (Column Capacity)	80 mm: Font A (default), 42/48; Font B, 55/64 58 mm: Font A, 35; ANK Font B, 46 40 mm: Font A, 23; Font B, 31
Character sets	95 alphanumeric characters, 18 international sets, 128 x 43 graphics
Barcodes	UPC-A, UPC-E, JAN13/EAN12, CODE39, CODE93, CODE128, GS1-128, GS1 DataBar Omnidirectional, GS1 DataBar, Truncated, GS1 DataBar Limited, GS1 DataBar Expanded, ITF, CODABAR, PDF417, QR Code

Connectivity

Interface (serial model)	USB Type-B, Ethernet (10/100 Base-T/TX), Serial
Interface (device charging model)	USB Type-B, Ethernet (10/100 Base-T/TX), USB
Interface (Bluetooth® model)	USB Type-B, Ethernet (10/100 Base-T/TX), USB Type-A (2.1 A), USB Type-A (0.5 A) x 2 Bluetooth® 3.0+EDR, plus wireless option (USB wireless dongle)
USB Network Tethering	Yes (select SKUs)
Smart Device Charging	Yes (2.1 A) (select SKUs)
Peripheral Device Support USB POS	2 (select SKUs)

Reliability[2]

Printer Reliability[2]	20 million lines printed (receipt), 10 million lines printed (liner-free label)
Thermal Head	150 km (receipt), 75 km (liner-free label)
Auto cutter	2 million cuts (receipt), 1 million cuts (liner-free label)
MTBF	360,000 hours
MCBF	70 million lines printed (receipt), 35 million lines printed (liner-free label)

General

Audible Alert	Built-in buzzer
D.K.D. Function	Yes
Power Supply	Adapter (PS-190)
Power-Saving Mode	Yes
Internal Memory	Receive Buffer 4 KB Downloaded Character Area 12 KB (shared) Macro Area 2 KB NV Graphics Area 384 KB Download Graphics Area 208 KB NV Bit Image Memory 1 KB
Operating Environment	Relative Humidity 10-90% Temperature 5 °C to 45 °C (41 °F to 113 °F)
Standards and Approvals	FCC Class A, ICES-3 Class A
Dimensions	(W x D x H) 5.51" x 5.85" x 8.15" (140.0 x 148.5 x 207.0 mm)
Weight	3.53 lb (1.9 kg)
Color	EBCK (Epson Black)

Software and Utilities

Development Kit	Epson ePOS™ SDK (iOS®, Android™, JavaScript), OPOS ADK/OPOS ADK for .NET (Windows®), Epson JavaPOS ADK (Windows, Linux®), TM Print Assistant (iOS, Android)
Drivers	Epson Advanced Printer Driver 6 for TM-L100 (APD), TM Virtual Port Driver
Supported Operating Systems	iOS®, Android™, Windows, GNU (Linux) TM Utility (iOS, Android), TM-L100 Utility (Windows),
Setup tool	Epson TM Bluetooth® Connector Printer Discovery NFC (Near Field Communication[7]), Simple AP (wireless network)

Eco Features

Power-Saving Mode
RoHS compliant

What's in the Box*

Epson OmniLink TM-L100 Printer, AC Adapter with AC Cable, Rubber Feet, Fixing Tape, Locking Wire Saddle, 40 mm Paper Guide, 58 mm Paper Guide (installed), Setup Guide

Contents vary according to SKU*

Warranty

1-year limited warranty; optional extended warranty available

Product Information**

Model Number	Interfaces	Part Number
TM-L100	Serial	C31CJ52001
TM-L100	USB Type-A 2.1 A Port	C31CJ52011
TM-L100 USB	Type-A 2.1 A Port + Bluetooth®	C31CJ52021

Accessories	Part Number
External Buzzer	C32C890634
Wall Mounting Kit	C32C881017
Customer Display	A61CF26111
Customer Color Display	A61CH62111
AC adapter PCS -190	C32C825381
Adapter USB Wi-Fi®*	C32C891326

*Available for models C31CJ52011 and C31CJ52021
**All models have USB type B and Ethernet interfaces integrated.

Dimensions

148.5 mm
207 mm
140 mm

Paper output options: Adapts to your work space

TM-L100
Serial Model

TM-L100 Model with charging device and Bluetooth®

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1 Proper use of tested media is consistent with the printer warranty, but damage from use of non-tested media is not covered by the printer warranty. Epson's statements about tested media are not warranties of the media, tested or otherwise, and tested media are not Epson products or warranted by Epson. See www.epson.com/testedmedia for more information on tested media. l 2 Rated printhead and cutter lives are only estimates based on normal use of the printer with the following media only, with printer operated at room temperature and normal humidity: Model TF50KS-EY: NIPPON Paper Industries Co., Model 150PLS-LST: Ricoh Co., Ltd., Model HTFC14, Documotion Research, Inc., Models 9023-1274, 9023-1253, 9023-1823, 9023-1397, 9023-1275, 9023 1257: Iconex LLC, Ltd. Epson's statements about reliability levels are not warranties of the media or Epson's printers, and the only warranties for printers are the limited warranty statements for each printer. See www.epson.com/testedmedia for more information on tested media. l 3 Requires network-connected printer. l 4 Paper savings depend on the text and graphics printed on the receipt. l 5 NFC requires use of a device that includes NFC and may require additional software.

Authorized distributor: