TOSHIBA

Product Brochure | 3-in-1 Linerless, Label & Receipt Printer

TRST-L1N







Flexible 3-in-1 Printer

A new era of multi-purpose printing

The Toshiba TRST-L1N is a compact yet powerful 3” multi-purpose printer that prints on linerless labels, POS receipt paper and traditional liner labels with ease. Whether in retail, hospitality, logistics or manufacturing the TRST-L1N delivers outstanding performance and flexibility, empowering your team to serve customers faster and smarter.

Sustainable, Waste-Free Labelling

Sustainability meets efficiency

Linerless printing is more than a trend – it’s a commitment to a greener, more efficient future. By eliminating traditional liner waste, the TRST-L1N helps reduce your environmental footprint and supports your organisation’s sustainability goals. Proprietary reverse feeding technology and variable media length optimise paper usage, reducing waste and lowering printer media costs. With no liners to dispose of, you’ll also minimise workplace hazards and streamline operations, all while contributing to a cleaner planet.

Usability & ease of use

The TRST-L1N is designed for straightforward, hassle-free operation. Drop-in paper loading makes changes quick and easy – just place the roll and start printing. The adjustable width guides ensure perfect alignment without extra steps and the printer automatically adapts to different media – no need for manual settings. The media removal sensor keeps printing smooth by pausing until the previous label is taken. With easy access to key parts for cleaning or replacement, the TRST-L1N keeps everything simple: Load, print and go.

Applications

Versatility for every business – The TRST-L1N adapts to a wide range of industries and tasks:

- **Hospitality & food service:** Order tickets, ingredient and allergen labelling, grab-and-go packaging, kitchen order management and food delivery.
- **Retail:** Receipts, shelf-edge labels, price markdown and promotional labelling.
- **Logistics & warehousing:** Inventory management, shipping labels, pick-and-pack and cross-docking.
- **Manufacturing:** Products & parts identification, carton labelling.



Benefits & key features of the TRST-L1N

3-in-1 flexible media handling: Supports linerless, standard labels and receipt paper, with adjustable guides and sensors for various widths and applications.

Reduced waste with linerless: Using linerless can save up to 30% of waste compared to labels with backing paper.

Variable print length: The label-saving technology reduces the label length, eliminating waste and saving money.

Paper removal sensor: Printing pauses until the label is removed, reducing errors in fast-paced settings.

Adaptable installation: Operates vertically, horizontally, or even wall-mounted – making the most of every space.

Durable construction: IP21 splash-resistance and robust hardware deliver reliable performance, even in challenging environments.

Long life & low maintenance: Designed for consistent linerless printing, ensuring smooth operation and sharp, precise label cuts every time.

Effortless servicing: Key components like the thermal head, platen and cutter are easily replaced or cleaned, ensuring minimal downtime and maximum productivity.

Smart connectivity: USB 2.0, optional Ethernet and RS232, plus cash drawer support for seamless integration into any POS system.

Specifications TRST-L1N

	Linerless/Label mode	Receipt mode
General		
Resolution	203 dpi (8 dots/mm)	
Print head	Flat head	
Print method	Direct thermal	
Dimensions	140 x 208 x 149.7 mm	
Weight	2.14 kg	
User interface	Status LED, feed button, power button	
Operation temperature/ relative humidity	5°C–40°C / 25–85% non-condensing	
Storage temperature/ relative humidity	-40°C–60°C / 10–90% non-condensing	
Power supply	External, DC 24V, 50/60 Hz	
Print		
Sensors	Paper out sensor, paper low sensor, BM sensor, label gap sensor, paper removal sensor	
Max. print speed	203 mm/second (8 ips)	254 mm/second (10 ips)
Print width	40, 58, 80 mm	
Barcodes	EAN8, EAN13, JAN8, JAN13, UPC-A, UPC-E, NW7, CODE 39, Code 93, ITF, MSI, Code 128, EAN 128, Industrial 2 of 5, POSTNET, RM4SCC, KIX-code, GS1 DataBar, USPS Intelligent mail, Customer Barcode	
2D Codes	Data Matrix, PDF417, MaxiCode, QR Code, Micro QR Code, Micro PDF417, CP Code, AZTEC Code, GS1 QR Code, GS1 Data Matrix	
Fonts	CP437 (DOS USA), CP850 (DOS Latin 1), CP852 (DOS Latin 2), CP857 (DOS Turkish), CP858 (DOS Latin 1 + Euro), CP860 (DOS Portuguese), CP863 (DOS French Canadian), CP865 (DOS Nordic), CP866 (DOS Russian), CP1251 (Windows Cyrillic), CP1252 (Windows Latin 1), CP1253 (Windows Greek), CP1254 (Windows Latin-5 Turkish), CP1256 (Windows Arabic), CP1257 (Windows Baltic).	
Media		
Alignment	Centred	
Backing paper width	40, 58, 80 mm	
Label thickness	0.06–0.1 mm	0.056–0.7 mm
Inner media core diameter	25.4 mm	
Outer media roll diameter	max. 101.6 mm	
Media type	Toshiba linerless media	Receipt paper
Media format	Roll	
Software & Connectivity		
Printer driver	Windows 11/10, Windows Server 2022/2019, Linux	
Interface	USB 2.0 HS (Type-B), USB 2.0 HS (Type-A), RJ12 for 2x cash drawers, LAN 10/100 BaseT(1), RS232(1)	
Language mode	ESC/POS	
Options		
LAN interface	✓	
RS232 interface	✓	
External power supply	✓	
Power Y-cable	✓	

About Toshiba Tec

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