FASTER PLEASE!

FAST ECONOMICAL PRINTER PERFORMANCE IN A SMALL FOOTPRINT

TSC™

Connecting Your Thermal Printing Needs.™

TDP-247 . TDP-345
DESKTOP DIRECT THERMAL BAR CODE PRINTER

TSC™ is pleased to introduce the blazing fast TDP-247 series of direct thermal label printers. This outstanding series of printers offers both best-in-class speed and high-resolution capabilities along with TSC's exceptional durability and reliability. The TDP-247 series delivers ideal performance for product marking, shipping, retail and other labeling applications – all at the best available prices.

The TDP-247 series features two fast models. The TDP-247 printer is a 203 dpi resolution, 4" wide printer that prints at speeds up to 7 inches per second. The TDP-345 printer offers high resolution 300 dpi printing at speeds up to 5 inches per second. Both models come standard with USB, Parallel and Serial connections. Other outstanding options include an inexpensive internal Ethernet interface for easy integration into network systems, label cutters, and a keyboard for printing labels in stand-alone or down-time situations.

The easy to load center-biased clamshell design holds a large roll of labels and fits into areas other printers cannot and integrates easily into a wide range of applications. Simply open the cover and drop your labels into the printers. Top of form sensing by gap, black mark, or notch is standard and completely adjustable from side to side.

With enhanced electronics, the TDP-247 offers a 200 MHz processor, standard memory of 4 MB

Flash, 8 MB SDRAM and a slot for SD memory expansion that increases Flash storage up to 4 GB. The printer supports standard industry emulations right out of the box including Eltron® and Zebra® printer language.

Key Printer Features
▶ High quality double-walled clamshell design
▶ 203 dpi and 300 dpi resolution versions
▶ Direct thermal print technology
▶ Easy media loading
▶ Head-up sensor
▶ USB 2.0, Parallel and Serial connectivity standard
▶ Optional internal Ethernet
▶ Optional label peel & present
▶ Optional cutter
▶ Optional stand-alone keyboard

Markets for the TDP-247 Series
▶ Small office or home office mailing
▶ Product marking
▶ High resolution print and graphic applications
▶ Shipping
▶ File folder labeling
▶ Retail Point-of-Sale
▶ Shelf labeling
▶ Healthcare specimen labeling
▶ Inventory and asset management

Value . Performance . Support

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SPECIFICATIONS

Printer Model	TDP-247	TDP-345
Resolution	203 DPI	300 DPI
Printing method	Direct Thermal	
Print speed	2, 3, 4, 5, 6, 7 ips 2, 3 ips selectable with peel function	2, 3, 4, 5 ips 2 ips selectable with peel function
Max. print width	108 mm (4.25")	106 mm (4.17")
Max. print length	2,286 mm (90")	1,016 mm (40")
Enclosure	Double-walled plastic	
Physical dimension	240 mm (L) x 200 mm (W) x 164 mm (H) 9.45" (L) x 7.87" (W) x 6.46" (H)	
Label roll capacity	127 mm (5") OD	
Processor	32-bit RISC CPU	
Memory	● 4 MB Flash memory ● 8 MB SDRAM ● SD card reader for memory expansion, up to 4 GB	
Interface	● RS-232 (max. 115,200 bps) ● Centronics ● USB 2.0 (full speed mode)	
Power	AC Input: 100-240V univarsal switching power supply DC output: 24V 3.75A (external adaptor)	
Operation switch, button	One power switch, one feed button & one LED (3 colors)	
Sensors	● Gap transmissive sensor ● Moveable black mark reflective sensor ● Head open sensor	
Internal font	● Eight alpha-numeric bitmap fronts ● One Monotype Imaging® CG Triumvirate Bold Condensed scalable font ● Built-in Monotype® True Type Font engine	

Bar code	1D bar code
	    Code 39, Code 93, Code 128UCC, Code 128 subset A, B, C, Codabar, Interleave 2 of 5,
	    EAN-8, EAN-13, EAN-128, UPC-A, UPC-E, EAN and UPC 2 (5) digits add-on, MSI,
	    PLESSEY, POSTNET, RSS-Stacked, RSS14, Code 11, China Post
	2D bar code
	    PDF-417, Maxicode, DataMatrix, QR Code, Aztec	

Font & bar code rotation	0, 90, 180, 270 degrees	
Printer language	TSPL-EZ™	
Media type	Continuous, die-cut, black mark, fan-fold, notch	
Media wound type	Outside wound	
Media width	20~112 mm (0.78" ~ 4.4")	
Media thickness	0.06~0.19 mm (2.3 ~ 7.4 mil), max. 150 g/m²	
Media core diameter	25.4~76.2 mm (1"~3")	
Label length	Min. 10 mm (0.4")	
Label length (peeler mode)	25.4~152.4 mm (1"~6")	
Label length (cutter mode)	25.4~2,286 mm (1"~90")	25.4~1,016 mm (1"~40")
Environment condition	Operation: 5~40°C (41~104°F), 25~85% non-condensing Storage: -40~60°C (-40~140°F), 10~90% non-condensing	
Safety regulation	FCC Class B, CE Class B, C-Tick Class B, UL, CUL, TÜV/Safety, CCC	
Accessories	● Windows labeling software CD disk ● Quick start guide ● USB cable ● External universal switching power supply ● Power cord ● Label spindle, fixing tab x 2, 1.5" core adapter x 2	
Limited warranty	● Printer: 2 years ● Print head: 1 million inches (25 km) or 12 months which comes first since delivery from TSC ● Platen: 50 km	
Factory option	● Real time clock ● Main board intergrated with internal Ethernet	

Dealer option	● Peel off module assembly
	● Guillotine cutter
	    Full cut: Paper thickness: 0.06~0.19 mm, 500,000 cuts
	    Partial cut: Paper thickness: 0.06~0.12 mm, 500,000 cuts
	    Paper thickness: 0.19 mm, 200,000 cuts	

User option	● Keyboard display unit (KU-007 Plus and KP-200 Plus) ● Long range linear imaging bar code scanner (HCS-200) ● External roll mount, media OD. 214 mm (8.4") on a 1" or 3" core ● 3" core label spindle ● Bluetooth module	