

## TTP-247 Desktop Barcode Printer, 203 dpi, 7 ips, USB+LPT+RS232

Based on the design of its best-selling predecessor, the TTP-245 Plus, the TTP-247 runs at an impressive 7 inches per second, printing up to 4 inches wide at 203 dpi resolution. A second model in the series – the TTP-345 – offers high resolution 300 dpi printing at 5 inches per second. Both models offer 8 MB of SDRAM and 4 MB of onboard Flash memory. Gigabytes of Flash memory can be added via an onboard SDHC card reader.

Like its predecessor, the TTP-247 series features a user-friendly clamshell design for easy drop-in media loading, along with a rugged double-wall design that is stronger and more durable than other thermal transfer mechanisms on the market. Its innovative two-motor gear-driven engine is powerful enough to handle a 300-meter-long ribbon and label rolls up to 8.4 inches in diameter when used external unwinder.



By using two motors instead of the usual one, TTP-247 series printers operate at lower torque, reducing noise, decreasing wear and tear, and extending printer life. The platform's user-friendly design makes it easy for operators to load and unload ribbons, and its 300-meter capacity is more than four times the industry-standard length for desktop printers.

TSC printers have the Thermal Smart Control technology, a patented electronic print head temperature control. Print output is sharper because of that technology and, what's even more important, printhead life is several times longer.

### Key Features of TSC TTP-247 Bar Code Printer:

- Up to 177.8 mm (7") per sec. print speed
- 4 MB Flash memory and 8 MB SDRAM memory
- SD Flash memory expansion up to 4 GB
- User-friendly clamshell design
- Label gap sensor & full-range adjustable black mark sensor
- Parallel, serial & USB 2.0 interfaces
- Main board integrated with internal Ethernet (factory option)
- Label capacity up to 214 mm OD (8.4" OD)
- Ribbon capacity up to 300 m (984')
- TSPL-EZ™ firmware for plug-n-play ease
- Optional peel-off module, cutter module, stand-alone keyboard and scanner
- Smart Thermal Control technology significantly extends printhead life and ensures sharper print output



# Technical Description

Functionality & Operation	
Print resolution	203dpi
Maximal print length	2286mm
Maximal print width	108mm
Print speed	178mm/sec , 7 ips (peel-off max. 3 ips)
Memory	8MB DRAM
Memory	4MB Flash
Expansion slot	SD Card
Communication interface	USB, Parallel Centronics, RS232
Operation interface	2x button
Fonts	8 alphanumeric bitmap fonts, 1 Monotype Imaging CG Triumvirate Bold Condensed scalable font, Monotype True-Type Font engine
1D Barcode Symbolologies	Codabar, Code 11, Code 128, Code 39, Code 93, Code128UCC, EAN 13/UPCA + ADDON 2, EAN 13/UPCA + ADDON 5, EAN 8 + ADDON 2, EAN 8 + ADDON 5, GS1 Data Bar (RSS), Interleaved 2 of 5, MSI, Plessey, Postnet, UPCA + ADDON 2, UPCA + ADDON 5, UPCE + ADDON 2, UPCE + ADDON 5, RSS-Stacked
2D Code Symbolologies	Aztec, Data Matrix, MaxiCode, PDF417, QR code
Fonts & barcode rotation	0°, 90°, 180°, 270°
Commands set	TSPL-EZ
Print mode	direct thermal, thermal-transfer
Optical	
Sensors	open print-head detector, reflective, ribbon end sensor, transmissive
Electrical	
Power Source	Input: 100 ~ 240 VAC, 50~60 Hz, 5A
Mechanical	
Body housing	double-walled plastic
Dimensions	Width: 213mm, Height: 188mm Length: 314mm
Color	dark grey
Consumables	
Max. ribbon length	300m
Ribbon core diameter	25.4mm
Maximal roll diameter	127mm
Media type	black-marked media, continuous, fan-fold, notch, perforated
Media thickness	0.06 to 0.19mm
Maximal paper width	112mm
Minimal paper width	20mm
Media core diameter	25.4 to 76.2mm
Minimal label length	10mm
Environment	
Operating temperature	5 to 40°C
Operating humidity (non-condensing)	25 to 85%

Storage temperature	-40 to 60°C
Storage humidity (non-condensing)	10 to 90%
<b>Others</b>	
Warranty	2 years (printer), 25000 m or 12 months (print head), 50000 m or 12 months (printing cylinder), approved material CODEWARE
Certifications	C-Tick Class B, CCC, CE Class B, cUL, FCC (Class B), TÜV/Safety, UL
Optional accessories	Bluetooth, KP-200 Plus keyboard display unit, KU-007 Plus smart keyboard

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