

TTP-345 Desktop Barcode Printer, 300 dpi, 5 ips, USB&LPT&COM

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 speed	127mm/sec - 5 ips(Peel-off max. 2 ips)
Print resolution	300dpi
Maximal print width	106mm
Maximal print length	1016mm
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%
Others	
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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