



Zebra® TLP 3842™

Thermal, On-Demand Label, Receipt,
and Tag Printer

Bringing high-resolution printing to limited workspace.

The space-saving TLP 3842 desktop printer, for print widths up to four inches, adds high-resolution print capability to Zebra's popular and proven Desktop 2800™ series. The TLP 3842's 300-dpi printhead enables high-quality, crisp, clear printing of two-dimensional bar codes, fine text, and composite graphics—ensuring high-density data on very small labels is easy to read and highly scannable.

Flexible Connectivity

Equipped with serial, parallel, and USB interfaces, Zebra's 3842 offers versatile connectivity and integration. Additionally, with the optional internal ZebraNet® PrintServer II, the TLP 3842 can be quickly and easily networked into an Ethernet environment without requiring a dedicated PC connection.

Easy-to-Use, Sturdy Design

The 3842 benefits from the practical design characteristics of the Desktop 2800 series, such as OpenACCESS™ for quick, fool-proof media loading; and dual-walled, high-impact construction for extra durability in busy work environments.

The TLP 3842 integrates easily into small-label and lower-volume printing applications including:

- Healthcare laboratory vial or prescription bottle labeling; RSS-14 reduced space symbology supports unit-of-use bar coding
- Electronics labeling for circuit boards and small components
- Specialty retail applications such as small tags for jewelry items



Connect with it. Count on it.™

TLP 3842™



Specifications at a Glance*



The TLP 3842 offers optional 300-dpi Asian fonts to fulfill global labeling application needs.

MAXIMUM PRINT AREA

Width: 4.09"/104 mm

Length: 11"/279 mm (with standard memory)
22"/558 mm (with optional memory)

RESOLUTION

300 dpi/12 dots per mm

MAXIMUM PRINT SPEED

2"/51 mm per second

MEMORY

Standard: 1 MB Flash; 512 KB SRAM
Optional: up to 1.2 MB SRAM

PHYSICAL CHARACTERISTICS

Width: 7.9"/200 mm

Depth: 9.75"/248 mm

Height: 6.8"/173 mm

Weight: 3.2 lbs./1.4 kg (without options)

MEDIA SPECIFICATIONS

Label and liner width:

.1"/25.44 mm to 4.25"/108 mm

Ribbon width:

1.3"/33 mm to 4.30"/110 mm

*Specifications listed are for base model printers with standard features only unless otherwise noted. Specifications subject to change without notice. All product and brand names are trademarks of their respective companies. All rights reserved.

STANDARD FEATURES

Print methods: Direct thermal / thermal transfer (TLP)

Construction: High-impact, double-walled plastic enclosure

1 MB Flash memory; 512 KB SRAM

OpenACCESS™ design

Serial, parallel, and USB interfaces

Head-up sensor

Windows® drivers (Win95, Win98, NT 4.0, NT 2000, XP)

Windows printer utilities

Programming Language

ASCII EPL2™ programming language (Page Mode)

Field Rotations

Variable field support (up to 100)

Counter support (up to 10)

Variable field addition and subtraction

Status reporting

Form, fonts and graphics storage

Simple set of formatting commands

OPERATING CHARACTERISTICS

Environment

Operating Temp. 40° F/5° C to 105° F/40° C

Storage/Transport Environ. -40° F/-40° C to 140° F/60° C

Operating Humidity 10-90% non-condensing

Storage Humidity 10-90% non-condensing

Electrical

Auto-ranging external power supply with C7 type connector

Input: 100-240 VAC, 50-60 Hz

Output: 200 VDC, 2.5A

Communication Interface Capabilities

Serial RS232 (DB-9)

1,200-38,400 K bits/second

Flow control: hardware and software

USB v.1.1

Parallel (centronics)

LAN/Ethernet (requires optional ZebraNet® Printserver II)

Agency Approvals

FCC (Class B), CE, VCCI (Class B), C-TICK, CB, UL, CCC, NOM

MEDIA CHARACTERISTICS

Labels

Max. Roll Size: 5"/127 mm O.D. on a 1"/25.4 mm or 1.5"/38 mm I.D. core

Thickness (label & liner): 0.003"/0.08 mm to 0.0075"/0.18 mm

Media Types: Roll-fed or fan-fold, die-cut or continuous direct thermal labels with or without black mark. Roll-fed or fan-fold, die-cut or continuous direct thermal (thermal transfer) tag stock with or without black mark.

For optimum print quality and print engine performance, use Genuine Zebra supplies.

Ribbons

Ribbon is recommended to be at least as wide as media.

Max. Roll Size: 1.34"/34 mm O.D. on a .5"/12.7 mm I.D. core

Standard Length: 2,900"/74 m capacity; provides 1:1 media roll to ribbon ratios

Ribbon Setup: Ribbon wound ink side out

For optimum print quality and print engine performance, use Genuine Zebra supplies.

FONTS/GRAPHICS/SYMBOLOLOGIES

Fonts and Character Sets

Standard Fonts: 5 bitmapped, expandable 8x

Sets: International character sets supporting the following code pages:

DOS: 437, 850, 851, 855, 860, 861, 862, 863, 865, 866, 869, 737

Windows: 1250, 1251, 1252, 1254, 1255, 1256 and 1257

Soft fonts storage in Flash memory

Asian language support (optional)

Graphic Features

Line and box drawing

PCX graphic storage

Bar Code Symbolologies

Linear Bar Codes: CODE 39, Code 128A, B & C (User selectable/Auto), UCC/EAN-128, Code 93, Codabar, Interleaved 2 of 5, UPC-A, UPC-E, UPC-A with 2 and 5 add on, Postnet (5,9,11 & 13 digit), Japanese Postnet, Plessey (MSI-1), MSI-3, German Post Code, RSS (RSS-14, Limited, Truncated & Stacked)

2-Dimensional: MAXICODE (modes 2,3,4,6), PDF417 (Micro PDF417) and Macro (PDF417), QR Code (requires Asian printer version), Data Matrix

OPTIONS AND ACCESSORIES

Expanded memory (up to 1.2 MB SRAM)

ZebraNet PrintServer II for 10 Base T Ethernet connectivity (internal or external available)

Keyboard display unit (KDU)

Cutter

Label dispenser

Real-time clock

Asian language support

External rewind

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