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

Zebra

Connect with it. Count on it.™

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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.

Specifications at a Glance*

▶ 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. 40º F/5º C to 105º F/40º C
Storage/Transport Environ. -40º F/-40º C to 140º F/60ºC
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/SYMBOLOGIES

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 Symbologies
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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