



Zebra® Ht-146

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

High-end desktop printing with feature-rich performance.

Zebra's Ht-146 four-inch thermal transfer bar code printer offers the space-saving benefits of a desktop printer, then raises the bar with superior performance and productivity. Dual processors, together with high-speed Flash memory, deliver fast processing of different label formats and print speeds up to 6 inches per second—resulting in terrific throughput. What's more, the Ht-146 accommodates a full 8-inch media roll within its compact frame, so you spend more time printing and less time changing media.

Quality Results, Easy-to-Use Design

Sturdily constructed yet elegantly styled, the Ht-146 is as much at home on the shop floor as it is in the office. While you can count on reliable performance, including precise print registration and 203-dpi resolution for consistently high-quality printing, you can also expect simple operation. In addition to color-coded operator cues, the Ht-146 contains a cantilevered printhead and ribbon mechanism for easy media loading, and a clear media window for easy monitoring. Connectivity is also easy and flexible with standard serial, parallel, and USB interfaces. Connection to an Ethernet network is simplified with the optional internal ZebraNet® PrintServer II.

The Ht-146 is ideal for medium-volume printing applications including:

- Shipping/Receiving
- Business office labeling
- Warehouse inventory and asset control
- E-commerce
- Healthcare specimen labeling
- Transportation and logistics



Connect with it. Count on it.™



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Ht - 146



Specifications at a Glance*

STANDARD FEATURES

Print methods: Direct thermal or thermal transfer
Construction: Advanced durable plastics
512 KB Flash memory; 256 KB SRAM
Dual processors
Serial, parallel, and USB interfaces
Eight-inch OD media roll capacity
Cantilevered printhead and ribbon mechanism
Windows® drivers (95, 98, Me, NT v.4.0, 2000XP)
Windows printer utilities

Programming

ASCII EPL2™ programming language (Page Mode)
Text and bar codes printed in 0°, 90°, 180°, 270°
Variable field support (up to 100)
Counter support (up to 10)
Variable field addition and subtraction
Status reporting (serial port)
Form storage

OPERATING CHARACTERISTICS

Environment

Operating Temp. 40° F/5° C to 105° F/40° C
Storage/Transport Environ. -40° F/-40° C to 146° F/60° C
Operating Humidity 10-80% non-condensing
Storage Humidity 10-90% non-condensing

Electrical

Input: 120 VAC; 60 Hz or 240 VAC; 50 Hz

Communication Interface Capabilities

Serial RS232 (DB9)
4.8-38.4 K bits/second
Flow control: hardware and software
USB ver. 1.1
Parallel (centronics)
LAN/Ethernet (requires optional ZebraNet PrintServer II)

Agency Approvals

UL-CUL 1950; FCC (Class B); VCCI (Class B);
C-TICK; EN 500082-1; EN 55022 (Class B)/CISPR
24; EN 55024/CISPR 24; EN 60950/IEC 950;
EN 61000-3-2, 3-3, CE, IRAM, CB

MEDIA CHARACTERISTICS

Labels

Max. Roll Size: 8"/203 mm O.D. on a 3"/75 mm I.D. core
Thickness (label & liner): .003"/.08 mm to .0075"/.18 mm
Media Types: Gap, notch, black mark, fanfold, tag, continuous
For optimum print quality and print engine performance, use Genuine Zebra Supplies.

Ribbons

Max. Roll Size: 2.53"/64 mm O.D. on a 1"/25.4 mm I.D. core
Standard Length: 10,076"/256 m capacity
Ribbon Set-up: Ribbon wound ink side out
Ribbon is recommended to be at least as wide as media.

FONTS/GRAPHICS/SYMBOLOLOGIES

Fonts and Character Sets

Standard Fonts: 5 bitmapped, expandable 8x
Sets: International character sets supporting the following code pages:
DOS: 437, 737, 850, 851, 855, 857, 860, 861, 862, 863, 865, 866, 869
Windows: 1250, 1251, 1252, 1253, 1254, 1255, 1256, 1257
Asian language support (optional)
Soft font storage in Flash memory

Graphic Features

Line and box drawing
PCX graphic storage

Bar Code Symbolologies

Linear Bar Codes: Code 39, Code 128 (A, B or C user selectable/Auto select), UCC/EAN-128, Code 93, Codabar, Interleaved 2 of 5, UPC-A, UPC-E, UPC-A with 2 and 5 add on, Plessey, POSTNET, German Post, Japanese Postnet
2-Dimensional: PDF-417, Macro PDF-417, Maxi Code (Modes 2, 3, 4, 6), QR Code (requires Asian printer version)

OPTIONS AND ACCESSORIES

Factory-installed internal ZebraNet PrintServer II (for Ethernet connectivity)
External ZebraNet PrintServer II
Expanded memory (up to 1 MB Flash; 512 KB SRAM)
Keyboard display unit (KDU)
Liner-free platen
Cutter
Dispenser only or dispenser with liner take-up (includes take-up full sensor)
Head-up sensor
Real-time clock
Asian language support
Windows label design software

The Ht-146 is engineered with the latest in plastics technology for long-lasting durability and service-free performance.

MAXIMUM PRINT AREA

Width: 4.09"/104 mm

Length:

11"/279 mm (with standard memory)

22"/558 mm (with optional memory)

RESOLUTION

203 dpi/8 dots per mm

MAXIMUM PRINT SPEED

6"/152 mm per second

MEMORY

Standard: 512 KB Flash; 256 KB SRAM

Optional: up to 1 MB Flash; 512 KB SRAM

PHYSICAL CHARACTERISTICS

Width: 9.5"/241 mm

Depth: 14.5"/368 mm

Height: 8.8"/223 mm

Weight: 14 lbs./6.6 kg

MEDIA SPECIFICATIONS

Label and liner width:

1"/25.4 mm (with inserts) to 4.25"/108 mm

RIBBON WIDTH:

2.3"/59 mm to 4.3"/110 mm



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