

# ZEBRA® TICKET PRINTERS



## JUST THE TICKET FOR DEPENDABILITY

Whether you need a reliable ticket printer as a mechanism for integration into self-service kiosks ... or you need a freestanding printer for a ticketing application ... Zebra's thermal ticket printers stand up to the task.

Count on Zebra ticket printers for tough printing environments where reliability, durability, minimal maintenance and ease of use are critical. In kiosks and terminals, they toil consistently in the face of thousands of users. The same is true at ticket counters, where associates serving lines of customers need a space-saving printer they can trust for unwavering performance.

## END BENEFITS

With the help of their durability and application flexibility, these customer-facing ticketing tools will help companies improve service, raise customer satisfaction, increase revenue, and lower operational costs.

Able to print 1-D and 2-D bar codes, graphics and text—as well as encode magnetic stripes—Zebra's ticket printers are perfect for industries such as transportation, hospitality, and retail in the following applications:

- Transportation Ticketing—Airline boarding passes/bag tags; tickets for ferries, trains, buses, toll booths
- Access/Admission Control—Encoded tickets for events (trade shows, sports centers), parking garages, corporate entrance security

Also ask about Zebra's receipt and document printers for integration in self-service kiosks.

[www.zebra.com/kiosk](http://www.zebra.com/kiosk)

# ZEBRA TTPM3™ TICKET PRINTERS

## TTPM3™ DESKTOP



The uniquely flexible TTPM3 ticket printer prints ISO credit-card-sized tickets—such as public transport and event tickets—with text, graphics and bar codes on one side, while it encodes and verifies data on up to three magnetic stripes simultaneously on the reverse side. It verifies each and every ticket to ensure 100 percent validity, and can continuously print without downtime. The TTPM3 issues tickets in 1.9 seconds per ticket when set in standard mode. This print speed is cut in half to 1 second per ticket when set in “peak-hour mode.” The TTPM3 is available as a freestanding desktop printer or as a unit for embedding in kiosks and terminals. Options include front loading of tickets, reject function for tickets that cannot be encoded, retract for untaken tickets, and Ethernet connectivity.

### PRINTER MODELS

TTPM3 (Standard Desktop, Standard Embedded, Front Load Desktop, Front Load Embedded, or Ethernet Desktop)

### STANDARD FEATURES

- Direct thermal ticket printing
- Auto ticket loading does not waste tickets
- Prints bar code, text, and images
- Magnetic, up to 3-track simultaneous encoding
- Magnetic reading for 100% verification
- Encodes, verifies, prints and issues tickets in less than 2 seconds
- Two rear-load ticket input slots with flexible configuration
- RS232 serial interface
- 10/100 Ethernet optional interface
- Embedded or desktop models

### PRINTER SPECIFICATIONS

#### Resolution

- 191 x 216 dpi/7.5 x 8.5 dots per mm
- 191 x 157 dpi/7.5 x 6.2 dots per mm

#### Max print width

2.0"/51 mm

#### Max print length

4.3"/110 mm

#### Print speed\*

1.9 sec/ticket, and 1 sec in “peak hour mode”

\*Print speed includes feed, cut, encode, verify, print and present

#### Media sensors

Out-of-paper sensor for each rear input slot

#### Magnetic encoding

- ISO 7811 magnetic encoding standard
- 3-track LoCo or HiCo magnetic encoding

## TTPM3 EMBEDDED



### MEDIA CHARACTERISTICS

#### Maximum ticket length

4.3"/110 mm

#### Ticket width

2.13"/54 mm

#### Maximum media roll

15.7"/400 mm

#### Media thickness

0.007"/0.17 mm to 0.016"/0.40 mm

#### Media types

Fanfold or single sheet. Roll stock upon request.

### OPERATING CHARACTERISTICS

#### Environmental

- Operating Temp.: 32° F/0° C to 104° F/40° C
- Storage Temp.: 14° F/-10° C to 122° F/50° C
- Operating Humidity: 35% to 75% non-condensing
- Storage Humidity: 10% to 90% non-condensing excluding paper

#### Electrical

- 24Vdc +/-5% average 2A, peak 6A

### PHYSICAL CHARACTERISTICS

#### Embedded

- Width: 5.6"/143 mm
- Height: 5.9"/151 mm
- Depth: 9.9"/252 mm
- Weight: 9.9 lbs/4.5 kg

#### Desktop

- Width: 7.1"/180 mm
- Height: 6.3"/160 mm
- Depth: 13.4"/340 mm
- Weight: 13.2 lbs/6 kg

### FONTS/GRAPHICS/SYMBOLOLOGIES

#### Bar Codes

EAN 13 and 128, Interleaved 2-of-5, Code 39, and Code 128

#### Graphics

Logotypes and graphics in TTPM3 format

#### Standard fonts

Monospaced and proportional

#### Text attributes

Bold, reverse print, multiple width and height

### COMMUNICATION AND INTERFACE CAPABILITIES

- RS232 serial interface
- 10/100 Ethernet option

### OPTIONS AND ACCESSORIES

- Front load—Manual entry of tickets at the exit
- 10/100 Ethernet connectivity
- Output tray

## TTP 2100™ SERIES DESKTOP



The TTP 2100 direct thermal ticket printer is small enough to fit in the palm of your hand, yet robust enough for use in most ticketing applications, such as ATB1 boarding passes, bag tags, and tickets. By replacing traditional magnetic stripe technology with a simple linear or 2-D bar code, TTP 2100 eliminates the costliest component in a ticketing system and offers a more economical alternative to traditional solutions. The automatic media detector makes it possible to load boarding passes or bag tags without adjustment. The ticket format is variable up to 3.25"/82.5 mm wide and 23.6"/600 mm long—so the TTP 2100 is ideal for printing ATB1 boarding passes, and IATA CUSS bag tags (with lengths up to 21"/533 mm). The TTP 2100 series' compact size makes the desktop version an attractive choice for both attended ticketing applications, while the embedded version fits neatly in kiosk designs.

### PRINTER MODELS

- TTP 2110™ (RS232 serial interface for Embedded or Desktop), TTP 2130™ (USB interface for Embedded or Desktop)

### STANDARD FEATURES

- Direct thermal ticket printing for ATB1 boarding passes, bag tags, and other ticketing formats
- Retain or eject presenter
- Auto ticket loading does not waste tickets
- Various media mounting options give flexibility to kiosk design, up to 9.8"/250 mm dia. media rolls
- Paper guide available in 2.0"/51 mm, 2.13"/54 mm, 2.36"/60 mm, 2.59"/66 mm, 3.15"/80 mm, 3.25"/82.5 mm, and dual 2.13"/54 mm-3.23"/82 mm
- USB or RS232 serial connectivity standard 203-dpi printing
- Windows® drivers for plug and play
- Prints any font, code-page, bar code, and graphics supported by the operating system

### PRINTER SPECIFICATIONS

#### Resolution

203 dpi/8 dots per mm

#### Max print width

3.15"/80 mm for ATB1 size and 2.13"/54 mm for credit card size

#### Max print length

23.6"/600 mm

#### Print speed

6"/150 mm per second

#### Media sensors

Out-of-paper sensor, paper in presenter sensor, top of the form sensor selectable for fork or reflective settings, and input for external paper-low sensor

## TTP 2100 SERIES EMBEDDED



### MEDIA CHARACTERISTICS

#### Paper width

- 2.13"/54 mm to 3.25"/82.5 mm
- Maximum media roll size 9.8"/250 mm

#### Media thickness

0.004"/0.11 mm to 0.01"/0.26 mm for 2.13"/54 mm paper and 0.004"/0.11 mm to 0.007"/0.19 mm for 3.25"/82.5 mm paper

#### Media types

Roll or fanfold stock

### OPERATING CHARACTERISTICS

#### Environmental

- Operating Temp.: 32° F/0° C to 122° F/50° C
- Storage Temp.: 14° F/-10° C to 122° F/50° C
- Operating Humidity: 35% to 75% non-condensing
- Storage Humidity: 10% to 90% non-condensing excluding paper

#### Electrical

24Vdc +/-5% average 2A, peak 6A

### PHYSICAL CHARACTERISTICS

#### Embedded

- Width: 4.1"/105 mm
- Height: 2.6"/65 mm
- Depth: 5.7"/145 mm
- Weight: 2.4 lbs/1.1 kg

#### Desktop

- Width: 4.5"/115 mm
- Height: 3.1"/80 mm
- Depth: 7.1"/180 mm
- Weight: 3.1 lbs/1.4 kg

### FONTS/GRAPHICS/SYMBOLOLOGIES

#### Bar Codes

EAN 8, EAN 13, EAN128, UPC, 2-of-5 Interleaved, ISBN, Code 39, Code 128 and 2-D PDF417

#### Graphics

Logotypes and b&w BMP-files

#### Standard fonts

ATM9, OCR-B 10 and 12, up to 8 fonts can be uploaded

#### Text attributes

Underline, bold, italics, reverse print, multiple width and height

### COMMUNICATION AND INTERFACE CAPABILITIES

- TTP 2110: RS232 serial interface
- TTP 2130: USB interface

### OPERATING SYSTEM

- Windows® 2000, XP, and Server 2003

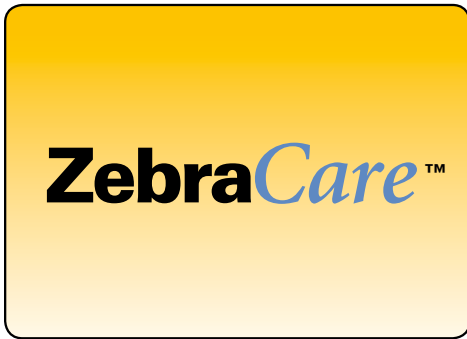
### OPTIONS AND ACCESSORIES

- Media Holder TTP 2100 (includes quick fit hubs and spring)
- Leaf spring retainer for quick-fit hubs
- Paper-low sensor with 300 mm cable
- Output tray



# THE COMPLETE SOLUTION

While Zebra ticket printers are supremely reliable, you'll gain additional peace of mind through the use of:



## ZebraCare™

ZebraCare Extended Warranty and Maintenance Agreements give you a great way to enhance your service offerings both at the time of the printer sale and afterward as part of your continuing customer relationships.



## Supplies

You can rely on Zebra to provide high-quality receipts and tickets that have been extensively tested to insure optimal printer performance and print quality.

Zebra is one of the largest converters in the North America and focuses solely on thermal media in Zebra printers. Whether a blank or custom product is required, our extensive manufacturing capabilities allow us to provide high-quality media with color or pre-printed text at a competitive price.



## Zebra's Kiosk Industry Expertise

Zebra's best-of-breed direct thermal receipt, ticket and document printers are well-known in the kiosk industry for their reliability, durability, versatility, easy loading and small footprint.

Specifications subject to change without notice.

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[www.zebra.com](http://www.zebra.com)

### Corporate Headquarters

+1 800 423 0442

E-mail: [inquiry4@zebra.com](mailto:inquiry4@zebra.com)

### Asia-Pacific Headquarters

+65 6858 0722

E-mail: [apacchannelmarketing@zebra.com](mailto:apacchannelmarketing@zebra.com)

### EMEA Headquarters

+44 (0)1494 472872

E-mail: [mseurope@zebra.com](mailto:mseurope@zebra.com)

### Latin America Headquarters

+1 800 423 0442

E-mail: [inquiry4@zebra.com](mailto:inquiry4@zebra.com)

### Other Locations

**USA:** California, Georgia, Rhode Island, Texas, Wisconsin **Europe:** France, Germany, Italy, Netherlands, Poland, Spain, Sweden **Asia Pacific:** Australia, China, Japan, South Korea **Latin America:** Florida (USA), Mexico **Africa/Middle East:** India, Russia, South Africa, United Arab Emirates

14506L (08/08)