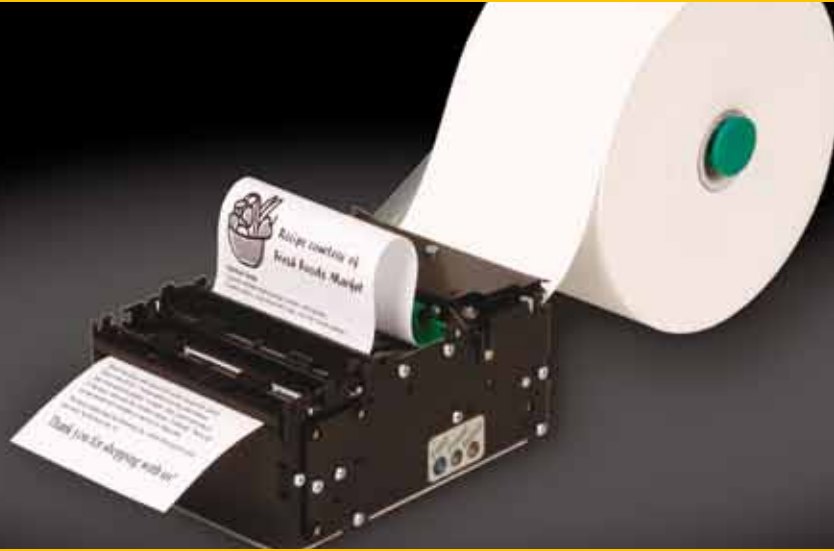


# Zebra® kiosk and embedded printing solutions



## Reliable performance for unattended printing applications

Whatever your unattended printing application, from tickets and receipts to boarding passes, Zebra has a compact direct-thermal kiosk printer right for the job. Zebra kiosk printers are designed for tough, unattended printing applications, where reliability, robustness, minimal maintenance and compact size are essential.

The Zebra kiosk range includes receipt and ticket printers with the ability to print bar codes or to encode magnetic stripes as required, supported by a variety of specialist media and accessories.

## Zebra's kiosk printer range includes the following features:

- Looping presenter
- Pull detector
- Retain & retract
- Print width up to A4
- Large paper roll capacity
- Small footprint
- Variable paper roll position



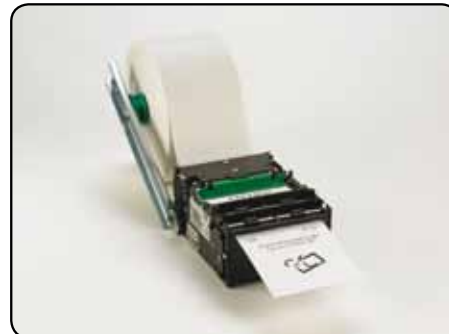
# Zebra kiosk and embedded printing solutions

Zebra's kiosk printers offer a range of features designed to provide fast, reliable and versatile printing performance across many applications.

## KR200 Series



## TTP 2000



### Key kiosk printing applications include:

- Receipts
- Loyalty, promotional and discount vouchers/coupons
- Express ordering/queue management
- Photo print ordering
- Recycling
- Cinema ticketing
- Internet/information printing
- Tickets and boarding passes
- Baggage tags
- Maps/directions
- Passenger transport ticketing
- Road tolls
- Car-park tickets and receipts
- Fuel pumps
- Payment/banking
- Gaming/lottery
- Currency exchange

### Receipt printer

#### Printer models:

- KR203™

#### Standard features

- Direct-thermal receipt printing
- Looping presenter with pull detector
- Auto media loading
- Horizontal mounting
- Full-width or partial guillotine
- Various media options for media-roll mounting behind and below
- USB connectivity
- Windows® drivers for plug-and-play
- Prints any font, bar code, and graphics supported by the application

#### Resolution

- 8 dots per mm (203dpi)

#### Maximum print area

- Width: 80mm (3.1")
- Length: 600mm (23.6")

#### Maximum print speed:

- 152mm (6") per second

#### Physical characteristics

- Width: 107mm (4.2")
- Height: 69mm (2.7")
- Depth: 145mm (5.7")
- Weight: 1.1kg (2.4lb)

#### Media specifications

- Paper widths: 58mm (2.28"), 60mm (2.36"), 80mm (3.15") and 82.5mm (3.25")
- Maximum diameter of media roll: 250mm (9.8")
- Minimum diameter of media core: 25mm (1")
- Minimum receipt length: 92mm
- Media thickness: 0.054mm (0.002") to 0.11mm (0.004")
- Media types: Roll or fanfold paper

### Receipt printer

#### Printer models:

- TTP 2010™, TTP 2020™, TTP 2030™

#### Standard features

- Direct-thermal receipt printing
- Looping presenter with pull detector
- Retract & retain function
- Full-width or partial guillotine
- Auto media loading
- Horizontal or vertical mounting
- Various media options for media-roll mounting behind and below
- USB or parallel IEEE 1284 or RS-232 serial connectivity
- Windows® drivers for plug-and-play and direct addressing with ESC commands

#### Resolution

- 8 dots per mm (203dpi)

#### Maximum print area

- Width: 72mm (2.8")
- Length: 70mm (2.76") to 600mm (23.6")

#### Maximum print speed:

- 150mm (6") per second

#### Physical characteristics

- Width: 105mm (4.1")
- Height: 65mm (2.6")
- Depth: 145mm (5.7")
- Weight: 1.1kg (2.4lb)

#### Media specifications

- Paper widths: 58mm (2.28"), 60mm (2.36"), 80mm (3.15") and 82.5mm (3.25")
- Maximum diameter of media roll: 250mm (9.8")
- Minimum diameter of media core: 25mm (1")
- Media thickness: 0.054mm (0.002") to 0.11mm (0.004")
- Media types: Roll or fanfold paper

## KR400 Series



### Receipt printer

#### Printer models:

- KR403™

#### Standard features

- KR403 Internal Ethernet
- Direct-thermal receipt printing
- Looping presenter with pull detector
- Retract & retain function
- Cutter
- Full-width or partial guillotine
- Auto media loading
- Horizontal or vertical mounting and various media options for media-roll mounting behind and below
- USB and RS-232 serial connectivity
- 21 resident 1-D and 10 resident 2-D bar codes
- 15 bitmap fonts, one scalable font
- Unicode™-compliant with one Unicode WGL4 font pre-loaded
- 1.5MB flash memory supports a wide range of graphic types

#### Resolution

- 8 dots per mm (203dpi)

#### Maximum print area

- Width: 80mm (3.1")
- Length: 600mm (23.6")

#### Maximum print speed

- 152mm (6") per second

#### Physical characteristics

- Width: 107mm (4.2")
- Height: 68mm (2.7")
- Depth: 145mm (5.7")
- Weight: 1.1kg (2.4lb)

#### Media specifications

- Paper widths: 58mm (2.28"), 60mm (2.36"), 80mm (3.15") and 82.5mm (3.25")
- Maximum diameter of media roll: 250mm (9.8")
- Minimum diameter of media core: 25mm (1")
- Minimum receipt length: 70mm
- Media thickness: 0.054mm (0.002") to 0.11mm (0.004")
- Media types: Roll or fanfold paper

## TTP 7030



### Receipt printer

#### Printer models:

- TTP 7030/80, TTP 7030/112

#### Specific applications include:

- ATM receipts

#### Standard features

- Direct-thermal receipt printing
- Looping presenter with pull detector
- Full-width guillotine
- Retract & retain function (optional)
- Auto media loading
- Various media options for media-roll mounting behind and below
- USB standard or optional RS-232 serial connectivity
- Windows drivers for plug-and-play and direct addressing with ESC commands

#### Resolution

- 8 dots/mm (203 dpi)

#### Maximum print area

- Width: 104mm (4.10") with TTP 7030/112, 72mm (2.84") with TTP 7030/80
- Maximum print length: 600mm (23.6")

#### Maximum print speed

- 75mm (3") per second

#### Physical characteristics

- Model: TTP 7030/80
  - Width: 136mm (5.35")
  - Height: 137mm (5.39")
  - Depth: 150mm (5.90")
  - Weight: 2.4kg (5.3lb)
- Model: TTP 7030/112
  - Width: 168mm (6.61")
  - Height: 137mm (5.39")
  - Depth: 150mm (5.90")
  - Weight: 2.9kg (6.3lb)

#### Media specifications

- Maximum paper width: 112mm (4.41") with TTP 7030/112, 80mm (3.15") with TTP 7030/80
- Maximum diameter of media roll: 250mm (9.8")
- Media thickness: 0.054mm (0.002") to 0.13mm (0.005")
- Media types: Roll or fanfold paper

## TTP 8000



### Receipt printer

#### Printer models:

- TTP 8200™ (Standard, Vertical and Compact)

#### Specific applications include:

- Information delivery e.g. maps
- Gift registry
- Public Internet Access Points (PIAP)
- A4-style boarding passes
- Human resource kiosks
- Employment centre information

#### Standard features

- Direct-thermal receipt printing
- Looping presenter with pull detector
- Full-width guillotine
- Retract & retain function (standalone version)
- Auto media loading
- Various media options mounting for behind and below
- USB standard & Parallel IEEE 1284 or optional RS-232 serial connectivity
- Windows drivers for plug-and-play and direct addressing with ESC commands

#### Resolution

- 8 dots/mm (203 dpi)

#### Maximum print area

- Width: 216mm/ 8.50"
- Length: no limit

#### Maximum print speed

- 100mm (4") per second for 8 dots/mm

#### Physical characteristics

- Standard and Vertical
  - Width: 286mm (11.26")
  - Height: 78mm (3.07")
  - Depth: 171mm (6.73")
  - Weight: 4.8kg (10.6lb)
- Compact (no presenter)
  - Width: 282mm (11.10")
  - Height: 84mm (3.31")
  - Depth: 103mm (4.06")
  - Weight: 2.8kg (6.2lb)

#### Media specifications

- Paper width: 216mm (8.5") or A4 (210mm/8.3")
- Maximum diameter of media roll: 250mm (9.8")
- Minimum diameter of media core: 25mm (0.98")
- Media thickness: 0.054mm (0.002") to 0.1mm (0.004")
- Media types: Roll or fanfold paper

## TTP 2100



### Ticket printer

#### Printer models:

- TTP 2110™, TTP 2130™ Embedded or Desktop

#### Specific applications include:

- Transportation
  - ATB1 boarding passes
  - Baggage tags
  - Ferry, road and railway ticketing
  - Toll-road applications
  - Parking
- Access and administration control
  - Event ticketing
  - Hotels and leisure facilities
  - Corporate security

#### Standard features

- Direct-thermal ticket printing
- Eject function
- Auto ticket loading
- Various media mounting options
- USB or RS-232 serial connectivity
- Windows drivers for plug-and-play
- Variable ticket widths

#### Resolution

- 8 dots per mm (203 dpi)

#### Maximum print area

- Width: 80mm (3.15") for ATB1 size, 54mm (2.13") for credit-card size
- Length: 600mm (23.6")

#### Maximum print speed

- 150mm (6") per second

#### Physical characteristics

- Embedded
  - Width: 105mm (4.1")
  - Height: 65mm (2.6")
  - Depth: 145mm (5.7")
  - Weight: 1.1kg (2.4lb)
- Desktop
  - Width: 115mm (4.5")
  - Height: 80mm (3.1")
  - Depth: 180mm (7.1")
  - Weight: 1.4kg (3.1lb)

#### Media specifications

- Paper width: 54mm (2.13") to 82.5mm (3.25")
- Maximum diameter of media roll: 250mm (9.8")
- Media thickness: 0.11mm (0.004") to 0.26mm (0.01") for 54mm (2.13") wide media, 0.11mm (0.004") to 0.19mm (0.007") for 82.5mm (3.25") wide media
- Media types: Roll or fanfold stock, or single ticket

## Zebra Kiosk Print Station



### Standard features

- All-in-one cost-effective solution for unattended self-serve applications
- Innovative design integrates kiosk hardware components
- Locking enclosure secures printer and media
- Ultra-compact design and pole- or wall-mount saves floor space
- Robust, heavy-duty metal frame with sturdy plastic enclosure
- Supports 152mm (6") media roll in various widths

#### Peripherals and accessories

- Kiosk computers with VESA 75/100mm Standard mounting

#### Supported printers

- Zebra TTP 2010™ serial kiosk receipt printer
- Zebra TTP 2030™ USB kiosk receipt printer
- KR203 USB receipt printer
- KR403 USB, Serial, Ethernet receipt printer

#### Accessories

- Integrated printer power supply
- AC power cord
- Communications cable
- Paper guide: 58mm (2.3"), 60mm (2.4"), 80mm (3.15"), 82.5mm (3.25")

#### Media options

##### Supported media

- Widths: 58mm (2.3"), 60mm (2.4"), 80mm (3.15"), 82.5mm (3.25")
- Up to 152mm (6") media roll
- 25mm (1") media core
- 8000D 58, 60, 80 and 82.5mm receipt media

#### Mounting options

- Zebra Kiosk Print Station: pole- or wall-mount
- Third-party kiosk computer: Conforms to the VESA 75/100mm Standard

#### Environmental

- European RoHS-compliant
- For indoor use only

#### Physical characteristics

- Width: 462mm (18.2")
- Height: 411mm (16.2")
- Depth: 216mm (8.5")
- Weight: 6.1kg (13.4lbs)
- Weight including printer, 152mm (6") roll of media, printer power supply (excludes computer and computer power supply): 9.3kg (20.4lbs)

# Specifications at a glance\*

## Operating Characteristics

### Receipt printers

#### KR203

##### Environmental

- Operating temp: 32° F/0° C to 122° F/50° C
- Storage temp: -22° F/-30° C to 149° F/65° C
- Operating Humidity: 20% to 80% non-condensing
- Storage Humidity: 10% to 95 non-condensing excluding paper

##### Electrical

- 24Vdc +/-5% average of 2A when printing

#### TTP 2000

##### Environmental

- Operating temp: 32°F (0°C) to 122°F (50°C)
- Storage temp: 32°F (0°C) to 122°F (50°C)
- Operating humidity 35% to 75% RH non-condensing
- Storage humidity 35% to 75% RH non-condensing excluding paper

##### Electrical

- 24VDC +/-5%, average of 2A when printing (85mA idle)

#### KR403

##### Environmental

- Operating temp: 10°C/14°F to 50°C /122°F
- Storage temp: -10°C/14°F to 50°C/122°F
- Operating Humidity: 10% to 95% non-condensing
- Storage Humidity: 5% to 95% non-condensing excluding paper
- Electrical: 24V DC +/-5% average of 2.92A when printing. 0.25A when idle

#### TTP 7030

##### Environmental

- Operating temp: -5°C (23°F) to 40°C (104°F)
- Storage temp: -10°C (14°F) to 50°C (122°F)
- Operating humidity 35% to 75% RH non-condensing
- Storage humidity 10% to 90% RH non-condensing excluding paper

##### Electrical

- 24VDC +/-5%
- 80mm – average 2.5A, peak 8.5A, idle 150mA
- 112mm – average 3.5A, peak 11A, idle 150mA

#### TTP 8000

##### Environmental

- Operating temp: 0°C (32°F) to 50°C (122°F)
- Storage temp: -10°C (14°F) to 50°C (122°F)
- Operating humidity: 35% to 75% RH non-condensing
- Storage humidity: 10% to 90% RH non-condensing excluding paper

##### Electrical

- 24VDC +/-5%, average 6A, peak 12A, idle 150mA

## Ticket printers

#### TTP 2100

##### Environmental

- Operating temp: 0°C (32°F) to 50°C (122°F)
- Storage temp: -10°C (14°F) to 50°C (122°F)
- Operating humidity: 35% to 75% RH non-condensing
- Storage humidity: 10% to 90% RH non-condensing excluding paper

##### Electrical

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

## Power supplies

Zebra power supplies are certified and approved for use with kiosk printers. Two different power supplies are available as shown below.

##### Part Number: 808099-004

- 70W for KR200 and KR400

##### Part Number: 808099-005

- 70W for TTP 2000 and TTP 2100

##### Part Number: 808101-005

- 100W for TTP 7030 and TTP 8200

## Cables

A range of serial, USB and parallel cables is available.

## Fonts/Graphics/Symbologies

#### TTP 2000, TTP 2100, TTP 7030, TTP 8200

- Internally supports EAN-13 and EAN-128, Code 39, Code 128, Interleaved 2-of-5 and PDF417
- Graphics: logotypes and black & white BMP files
- Standard fonts: monospaced and proportional
- Text attributes: bold, reverse print, multiple width and height
- Customer-downloadable fonts

#### KR203

- No resident fonts or barcodes. Prints all fonts, country code-pages, bar codes and graphics supported by the application

#### KR403

- 1D barcodes: Codabar, Code 11, Code 128, Code 128 with subsets A/B/C, Code 39, Code 93, EAN-13, EAN-8, EAN-8 and EAN-13 with 2 or 5 digit extensions, Industrial 2-of-5, Interleaved 2-of-5, Logmars, MSI, MSI-3, Plessey, Postnet, RSS (reduced space symbology), Standard 2-of-5, UCC/EAN-128, UPC-A, UPC-A and UPC-E with 2 or 5 digit extensions, UPC-E
- 2D barcodes: Aztec, Codablock, Code 49, Data Matrix, MacroPDF417, MaxiCode, MicroPDF417, PDF417, QR Code, RSS / GS1 DataBar family
- Graphics: Supports user-defined fonts and graphics - including customer logos
- Standard fonts: 16 resident expandable ZPL II bitmap fonts, one resident scalable ZPL II font, one Unicode WGL4 font pre-loaded

## Options and accessories

### Common to KR203, KR403 and TTP 2000

- Roll Holder “universal” variable position, 7.9”/200 mm dia max
- Adapter for roll holder below position, 9.8”/250 mm dia max
- Roll Holder Wall Mount, 150 mm dia max
- Quick Fit Hubs and Leaf Spring for easy mounting and removal of printer
- Paper-Low Sensor with 300 mm cable
- Paper-Low Sensor with 500 mm cable
- Large media roll accessory to remove print artifacts from media rolls over 6”/150 mm in diameter
- Adapter plate and spindle for 0.5”/12 mm media rolls
- Output bezel for easier integration
- Output shutter to protect the printer from intrusion or damage

### KR403 only

- ZBI 2.0™ – Zebra Basic Interpreter for stand-alone and interfacing into legacy applications
- 64MB expanded flash memory
- Downloadable font packs, Unicode and standard types
- Internal ZebraNet10/100 PrintServer

### TTP 2000

- Universal variable-position roll holder, 200mm diameter maximum
- Adaptor for using roll holder below printer, 250mm diameter maximum
- Roll holder wall mount, 150mm diameter maximum
- Quick-fit hubs and leafspring retainer
- Paper-low sensor with 300mm cable

### KR403

- Roll holder “universal” variable position, 200mm diameter max.
- Adaptor for roll holder below position, 250mm diameter max.
- Roll holder wall mount, 150mm diameter max.
- Quick-fit hubs for easy mounting and removal of printer
- Paper-low sensor with 300mm cable
- Adaptor plate and spindle for media on 12mm cores
- Output bezel for easier integration and intrusion protection
- Output shutter to protect the printer from intrusion or damage
- ZBI 2.0™ – Zebra Basic Interpreter for stand-alone and interfacing into legacy applications
- 64MB expanded flash memory
- Compact auto-switching 70W power supply
- Downloadable font packs, Unicode and standard types
- 10/100 Ethernet

### TTP 7030

- 80mm roll holder with paper-low sensor for mounting behind printer, 150mm diameter maximum
- 80mm roll holder with paper-low and weekend sensors for mounting below printer, 250mm diameter maximum
- 112mm roll holder with paper-low sensor for mounting behind printer, 150mm diameter maximum
- 112mm roll holder with paper-low and weekend sensors for mounting below printer, 250mm diameter maximum
- Paper-low and weekend sensors with 400mm cable
- Serial interface adaptor

### TTP 8000

- Roll holder behind, 216mm, includes paper-low sensor, 150mm diameter maximum
- Roll holder below, 216mm, includes paper-low and weekend sensors, 250mm diameter maximum
- Paper-low and weekend sensors with 400mm cable

### TTP 2100

- Media roll holder 2100 (includes quick-fit hubs and spring)
- Output tray
- Quick Fit Hubs and Leaf Spring for easy mounting and removal of printer
- Paper-low sensor with 300mm cable

NOTE: Refer to the Zebra kiosk price list for additional information, part numbers and pricing on Zebra kiosk printers and supporting products.

## Evaluation kits

**Zebra offers evaluation kits that provide everything to enable a new user to set up and evaluate a kiosk printer. The kits include a printer, power supply, a selection of media guides, paper rolls and roll holder, communication cables and a paper-low sensor. These are available for the KR203, KR403, TTP 2000, TTP 7030, TTP 8000 and TTP 2100.**

 **Refer to the price list for more information**

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