

# Zebra® KR400™ series printers



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## Kiosk receipt printers

Building on Zebra's range of robust kiosk printers for demanding applications, the KR403™ receipt printer offers a number of enhancements ranging from excellent print quality across a wide range of papers to expanded memory and a wide selection of fonts and barcodes – including the retail-industry-requirement of GS1 DataBar™ barcode. The KR403 printer is easy to integrate into kiosk designs thanks to its compact size and footprint, range of mounting options, and Zebra Programming Language (ZPL®), which increases functionality and allows for a wide variety of applications.

## Easy to own

Total cost of ownership is lowered and customer satisfaction increased by features that reduce maintenance and downtime. The large 250mm media-roll capacity, for example, means fewer visits to change the paper roll. Paper-low and remote monitoring/alerts enable proactive diagnostics and maintenance. The looping presenter with integrated cutter prevents paper jams and presents the printout to the user. The retract function, which retracts and retains left-behind printouts, protects kiosk users' privacy and reduces litter around kiosks.

## Easy to integrate

Zebra Basic Interpreter (ZBI™) enables compatibility with existing systems while the optional expanded memory up to 64MB enables storage of fonts, graphics and formats to handle the most complex of printouts.



## Ideal for:

- Receipts
- Vouchers
- Promotional coupons
- Unattended printed information

## Suitable for a variety of markets:

- Retail
- Hospitality
- Healthcare
- Public service
- Banking and finance

## Get the most out of your Zebra: put genuine Zebra supplies in!

Zebra offers a wide range of supplies for kiosk printers, all made to a high standard and suitable for a variety of applications.

- Manufactured exclusively for Zebra printers
- Laboratory-tested for optimum performance
- Proven to minimise wear and tear on printheads

 For more information, visit [www.zebra.com](http://www.zebra.com)



# Specifications at a glance\*

## Standard features

- Print method: direct-thermal receipt printing for 58mm, 60mm, 80mm, 82.5mm width media
- Looping presenter with pull detector and retract & retain function
- Auto media loading
- Horizontal and vertical mounting capability
- Various media mounting options for behind and below to give flexibility to kiosk design, up to 250mm-diameter media rolls
- USB and RS-232 serial connectivity
- 203dpi printing
- Excellent print quality achieved through printhead alignment features and Element Energy Equalizer™ (E3™) for superior print quality
- Windows® drivers for plug and play (2000, XP, Vista, Windows 7 - 32 & 64 bit)
- 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
- Maintenance alerts
- Numerous software tools for commissioning, using and troubleshooting the printer

## Printer specifications

- **Resolution:** 8 dots per mm
- **Max. print width:** 80mm
- **Max. print length:** 600mm
- **Print speed:** 152mm per second
- **Media sensors:** Out-of-paper, paper in presenter, paper in retract path, black mark, input for external paper-low sensor

## Media characteristics

- **Max. roll size:** 250mm
- **Core diameter:** 25mm typical, 12mm with optional accessories
- **Media thickness:** 0.054mm to 0.11mm
- **Media types:** Roll or fanfold paper

## Operating characteristics

### 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

### Physical characteristics

#### Embedded

- **Width:** 107mm/4.2"
- **Height:** 68mm/2.7"
- **Depth:** 144mm/5.7"
- **Weight:** 1.1kg/2.4lb

### Fonts/Graphics/Barcode symbologies

- **Linear barcodes:** Codabar, Code 11, Code 39, Code 93, Code 128, Code 128 with subsets A/B/C, EAN-8, EAN-13, EAN-8 and EAN-13 with 2 or 5 digit extensions, GS1 DataBar (RSS), Industrial 2-of-5, Interleaved 2-of-5, Logmars, MSI, MSI-3, Plessey, Postnet, Standard 2-of-5, UCC/EAN-128, UPC-A, UPC-A and UPC-E with 2 or 5 digit extensions, UPC-E
- **2-Dimensional barcodes:** Aztec Code, Codablock, Code 49, Data Matrix, GS1 DataBar (RSS) family (12 barcodes), MacroPDF417, MaxiCode, MicroPDF417, PDF417, QR Code
- **Graphics:** Supports user-downloaded fonts and graphics in GRF, PNG, BMP and PCX formats
- **Fonts:** 15 bitmap fonts, one scalable font and one Unicode WGL4 font (Western, Central and Eastern European, Baltic, Cyrillic, Greek, Turkish, Hebrew and traditional Arabic character sets)

### Communication and interface capabilities

RS-232 serial and USB 1.1 (2.0-compatible)

## Operating system

Windows XP, Windows Vista, Windows 7, Windows Server® 2003, OPOS and Linux™ – RedHat and Caldera

## Options and accessories

- **Media guides:** 58, 60, 80 and 82.5mm
- 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
- Illuminated/flashing output bezel

## Thinking about mobilising your workforce?

The use of mobile printers in a warehouse or supply-chain environment improves productivity and provides a fast return on investment.

- ▶ **To find out how your business could benefit from a Zebra mobile-printing solution, please visit [www.zebra.com](http://www.zebra.com)**

\*Specifications subject to change without notice.

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### Zebra Technologies – EMEA Headquarters & Sales Office

Zebra Technologies Europe Limited, Dukes Meadow, Millboard Road, Bourne End, Buckinghamshire, SL8 5XF, United Kingdom  
**Telephone:** +44 (0)1628 556000 **Fax:** +44 (0)1628 556001 **E-mail:** [mseurope@zebra.com](mailto:mseurope@zebra.com) **Web:** [www.zebra.com](http://www.zebra.com)

### Other EMEA Locations

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