

# ZDesigner Windows Printer Driver Release Notes

**Version 8.1.0.17602**

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## Welcome

Version 8.x of the ZDesigner Windows printer driver offers a new improved user interface in 20+ languages with new features to drive Zebra printers running Link-OS and the ZPL printer command language.

Our version 5.x driver is still available and will continue to support new and legacy Zebra printers using the EPL and CPCL command languages.

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## Supported Operating Systems

This driver is supported on the following Microsoft 32-bit and 64-bit desktop operating systems:

Windows 7

Windows 8.1

Windows 10

Windows Server 2012 R2

Windows Server 2016

Windows Server 2019

(Windows is a registered trademark of Microsoft Corporation.)

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## Installation

## Installation

It's recommended you use the Printer Installation Wizard included in the distribution to install the printer driver.

NOTE: your user account must have the necessary permissions to install a driver otherwise contact your system administrator for further assistance.

### **Installation using the Printer Installation Wizard:**

1. If necessary, extract the driver files noting the location of the files.
2. Run the PrnInst.exe application (Printer Installation Wizard).
3. Click the Install Printer Driver option and follow the prompts in the wizard.

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### **Supported Printers**

The following Zebra printers are supported in this version:

iMZ220 (ZPL)  
iMZ320 (ZPL)  
QLn220 (ZPL)  
QLn320 (ZPL)  
QLn420 (ZPL)  
ZD120 203DPI  
ZD220-203dpi ZPL  
ZD230-203dpi ZPL  
ZD410-203dpi ZPL  
ZD410-300dpi ZPL  
ZD420-203dpi ZPL  
ZD420-300dpi ZPL  
ZD500-203dpi ZPL  
ZD500-300dpi ZPL  
ZD500R-203dpi ZPL  
ZD500R-300dpi ZPL  
ZD510-300dpi ZPL  
ZD511-300dpi ZPL  
ZD620-203dpi ZPL  
ZD620-300dpi ZPL  
ZD888-203dpi ZPL  
ZQ310 (ZPL)  
ZQ320 (ZPL)  
ZQ510 (ZPL)  
ZQ511 (ZPL)  
ZQ511R (ZPL)  
ZQ520 (ZPL)

ZQ521 (ZPL)  
ZQ521R (ZPL)  
ZQ610 (ZPL)  
ZQ620 (ZPL)  
ZQ630 (ZPL)  
ZQ630R (ZPL)  
ZR318 (ZPL)  
ZR328 (ZPL)  
ZR338 (ZPL)  
ZR628 (ZPL)  
ZR638 (ZPL)  
ZR658 (ZPL)  
ZR668 (ZPL)  
ZT210-200dpi ZPL  
ZT210-300dpi ZPL  
ZT220-200dpi ZPL  
ZT220-300dpi ZPL  
ZT230-200dpi ZPL  
ZT230-300dpi ZPL  
ZT410-203dpi ZPL  
ZT410-300dpi ZPL  
ZT410-600dpi ZPL  
ZT410R-203dpi ZPL  
ZT410R-300dpi ZPL  
ZT410R-600dpi ZPL  
ZT411-203dpi ZPL  
ZT411-300dpi ZPL  
ZT411-600dpi ZPL  
ZT411R-203dpi ZPL  
ZT411R-300dpi ZPL  
ZT411R-600dpi ZPL  
ZT420-203dpi ZPL  
ZT420-300dpi ZPL  
ZT420R-203dpi ZPL  
ZT420R-300dpi ZPL  
ZT421-203dpi ZPL  
ZT421-300dpi ZPL  
ZT421R-203dpi ZPL  
ZT421R-300dpi ZPL  
ZT510-203dpi ZPL  
ZT510-300dpi ZPL  
ZT610-203dpi ZPL  
ZT610-300dpi ZPL  
ZT610-600dpi ZPL  
ZT610R-203dpi ZPL  
ZT610R-300dpi ZPL  
ZT610R-600dpi ZPL

ZT620-203dpi ZPL  
ZT620-300dpi ZPL  
ZT620R-203dpi ZPL  
ZT620R-300dpi ZPL

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## **Tips & Advice**

1. The passthrough feature may not work correctly when using one or more specific characters in the starting sequence. The characters - < and > are known to be problematic due to the way some Windows applications pass data to the driver. Other characters not listed may also not work. To resolve the issue, change the start sequence characters. E.g. STARTOFZPLSEQUENCE

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## **Differences between ZDesigner v5.x and v8.x**

1. The v8 driver supports Zebra printers running Link-OS and the ZPL printer command language. The v5 driver continues to support new and legacy Zebra printers using the EPL and CPCL command languages.
2. The number of copies option is no longer supported in v8 and instead is controlled in the application.
3. The unprintable area options are no longer supported in v8. Upgrading a v5 driver to v8 will result in the label image printing at the same position.
4. The 'use printer settings' option is no longer supported in v8. Instead, the v8 driver has improved functionality where the user has control of individual settings.
5. The 'Safe graphics printing' option is no longer supported in v8. This option affected the data stream when using the ZebraDesigner label design application. The printed label image is not affected.
6. The 'use printer tag type' RFID option is no longer supported in v8. In v5, it controlled the first parameter of the ^RS command which is no longer required for Link-OS printers.
7. The Font & Graphic downloader application is no longer distributed with the v8 driver. Instead, font download functionality is part of the printer driver UI.
8. The Command Font parsed text option (for prefix and suffix) has changed in v8. The following internal parameters are no longer supported:
  - {xExp} x expansion of font.
  - {yExp} y expansion of font.
  - {PageWidth} Width of the current page in dots.
  - {PageHeight} Height of the current page in dots.

- {Orientation} Page orientation.
  - {Quantity} Quantity of pages to be printed.
  - {PageNum} Number of the current page.
9. The 'Use font height' option for barcode fonts is no longer supported in v8. In v8, users can define the height of the barcode and this height is used for the barcode font.
  10. In v8, the Import and Export of printer driver settings has been moved to the Driver Settings tab and is no longer available in the document settings dialog.
  11. The Status Monitor application is no longer distributed with the v8 driver but shall continue to be distributed with the v5 driver. It can be used with the v8 driver.

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## Change Log

Release Date	Version	Changes
22 Sep 2019	8.1.0.17602	<ul style="list-style-type: none"> <li>▪ Added support for the ZebraDesigner for Developers edition.</li> <li>▪ When exporting templates from ZebraDesigner 3 applications the ^FN commands now starts at 1 instead of 0 to ensure the associated prompts are displayed in various applications.</li> <li>▪ Added an option to specify the aspect ratio (square or rectangular) in the Barcode Settings section for the Datamatrix barcode font.</li> <li>▪ The Direct print (^GF) graphic option is now supported.</li> <li>▪ Corrected placement of RFID commands. They are now after all other label elements.</li> <li>▪ Corrected the ZD120 print width from 10.1 cm to 10.4 cm.</li> <li>▪ Added the following printer models: <ul style="list-style-type: none"> <li>○ ZD220</li> <li>○ ZD230</li> <li>○ ZD888</li> </ul> </li> </ul>
22 Jun 2019	8.0.0.16033	Initial release of the version 8 driver platform.

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## Technical Support

Worldwide Technical Support is available through your Reseller or at:

<https://www.zebra.com/contact>

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## **Software Updates**

ZDesigner printer drivers are frequently updated and modified to take advantage of new developments. Updated drivers will be available on our website:

<https://www.zebra.com/support>

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