Zebra Setup Utilities Release Notes

Version 1.1.9.1289

Table of Contents

Welcome
System Requirements
Supported Printers
Tips & Advice
Known Issues
Change Log
Technical Support
Software Updates

Welcome

This Setup Utility makes it easy to configure Zebra printers. Six wizards are available:

- 1. Configure Printer Settings.
- 2. Configure Print Quality.
- 3. Configure Printer Connectivity.
- 4. Download Fonts and Graphics.
- 5. Printer Tools.
- 6. Open Communication with Printer.

All wizards use installed ZebraDesigner drivers to interact with printers.

Back to top

System Requirements

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

Windows 7

Windows 8 and Windows 8.1

Windows 10

Windows Server 2008, Windows Server 2008 R2 Windows Server 2012, Windows Server 2012 R2

Windows Server 2016 Windows Server 2019

Advance Notice: Microsoft has announced <u>here</u> that support for Windows 7 is ending on January 14, 2020. Zebra intends to remove Windows 7 support for this product in a future release.

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Back to top

Supported Printers

The following Zebra printers are supported in this release:

- 105SL 203DPI
- 105SL 300DPI
- 105SLPlus-203dpi ZPL
- 105SLPlus-300dpi ZPL
- 110PAX4 203DPI
- 110PAX4 300DPI
- 110Xi4 203 dpi
- 110Xi4 300 dpi
- 110Xi4 600 dpi
- 110XiIII Plus 200DPI
- 110XiIII Plus 300DPI
- 110XiIII Plus 600DPI
- 140Xi4 203 dpi
- 140XiIII Plus
- 170PAX4 203DPI
- 170PAX4 300DPI
- 170Xi4 203 dpi
- 170Xi4 300 dpi
- 170XiIII Plus
- 170XiIII Plus 200DPI
- 220Xi4 203 dpi
- 220Xi4 300 dpi
- 220XiIII Plus
- 220XiIII Plus 300DPI
- 888-DT
- 888-TT
- EZ 320
- GC420d
- GC420d (EPL)
- GC420t
- GC420t (EPL)
- GK420d
- GK420d (EPL)
- GK420E (EPL)
- GK420E (ZPL)
- GK420t
- GK420t (EPL)
- GK420t Plus (EPL)
- GK420t Plus (ZPL)
- GK888d
- GK888d (EPL)
- GK888E (EPL)
- GK888E (ZPL)
- GK888t
- GK888t (EPL)
- GT800 (EPL)
- GT800 (ZPL)
- GT800 Plus (EPL)
- GT800 Plus (ZPL)
- GT800-300dpi EPL
- GT800-300dpi ZPL
- GX420d
- GX420d (EPL)
- GX420s
- GX420s (EPL)

GX420t

GX420t (EPL)

GX430t

GX430t (EPL)

HC100 300 dpi

iMZ220

iMZ220 (ZPL)

iMZ320

iMZ320 (ZPL)

KR403

LP 2824

LP 2824 Plus (EPL)

LP 2824 Plus (ZPL)

LP 2844

LP 2844-Z

Mobile Printer

MZ 220

MZ 320

P4T (CPCL)

P4T (ZPL)

QL 220/QL 220 Plus

QL 320/QL 320 Plus

QL 420/QL 420 Plus

QLn220

QLn220 (ZPL)

QLn320

QLn320 (ZPL)

QLn420 (CPCL)

QLn420 (ZPL)

R110PAX4 LH-203DPI

R110PAX4 LH-300DPI

R110PAX4 RH-203DPI

R110PAX4 RH-300DPI

R110Xi 200DPI

R110Xi 300DPI

R110Xi HF 200DPI

R110Xi HF 300DPI

R110Xi4 203 dpi

R110Xi4 300 dpi

R110Xi4 600 dpi

R170Xi 200DPI

R170Xi 300DPI

R2844-Z

RP4T (ZPL)

RW 220

RW 420

RW4-PS

RZ400 200 dpi

RZ400 300 dpi

RZ600 200 dpi

RZ600 300 dpi

S4M-203dpi EPL

S4M-203dpi ZPL

S4M-300dpi ZPL

TLP 2824

TLP 2824 Plus (EPL)

TLP 2824 Plus (ZPL)

- TLP 2844
- TLP 2844-Z
- TLP 3842
- TLP 3844-Z
- ZD220-203dpi EPL
- ZD220-203dpi ZPL
- ZD230-203dpi EPL
- ZD230-203dpi ZPL
- ZD410-203dpi EPL
- ZD410-203dpi ZPL
- ZD410-300dpi EPL
- ZD410-300dpi ZPL
- ZD411-203dpi EPL
- ZD411-203dpi ZPL
- ZD411-300dpi EPL
- ZD411-300dpi ZPL
- ZD420-203dpi EPL
- ZD420-203dpi ZPL
- ZD420-300dpi EPL
- ZD420-300dpi ZPL
- ZD421-203dpi EPL
- ZD421-203dpi ZPL ZD421-300dpi EPL
- ZD421-300dpi ZPL
- ZD500-203dpi EPL
- ZD500-203dpi ZPL
- ZD500-300dpi EPL
- ZD500-300dpi ZPL
- ZD500R-203dpi ZPL
- ZD500R-300dpi ZPL
- ZD510-300dpi ZPL
- ZD511-300dpi ZPL
- ZD611-203dpi EPL
- ZD611-203dpi ZPL
- ZD611-300dpi EPL
- ZD611-300dpi ZPL
- ZD611R-203dpi ZPL
- ZD611R-300dpi ZPL
- ZD620-203dpi EPL
- ZD620-203dpi ZPL
- ZD620-300dpi EPL
- ZD620-300dpi ZPL
- ZD621-203dpi EPL
- ZD621-203dpi ZPL
- ZD621-300dpi EPL
- ZD621-300dpi ZPL
- ZD621R-203dpi ZPL
- ZD621R-300dpi ZPL
- ZD888-203dpi EPL
- ZD888-203dpi ZPL
- ZE500-4 LH-203dpi ZPL
- ZE500-4 LH-300dpi ZPL
- ZE500-4 RH-203dpi ZPL
- ZE500-4 RH-300dpi ZPL
- ZE500-6 LH-203dpi ZPL
- ZE500-6 LH-300dpi ZPL
- ZE500-6 RH-203dpi ZPL

- ZE500-6 RH-300dpi ZPL
- ZE500R-4 LH-203dpi ZPL
- ZE500R-4 LH-300dpi ZPL
- ZE500R-4 RH-203dpi ZPL
- ZE500R-4 RH-300dpi ZPL
- ZE511 LH-203dpi ZPL
- ZE511 LH-300dpi ZPL
- ZE511 LH-600dpi ZPL
- ZE511 RH-203dpi ZPL
- ZE511 RH-300dpi ZPL
- ZE511 RH-600dpi ZPL
- ZE511R LH-203dpi ZPL
- 75511K EH 2004Pi ZH
- ZE511R LH-300dpi ZPL
- ZE511R LH-600dpi ZPL
- ZE511R RH-203dpi ZPL
- ZE511R RH-300dpi ZPL
- ZE511R RH-600dpi ZPL
- ZE521 LH-203dpi ZPL
- ZE521 LH-300dpi ZPL
- ZE521 RH-203dpi ZPL
- ZE521 RH-300dpi ZPL
- ZE521R LH-203dpi ZPL
- ZE521R LH-300dpi ZPL
- ZE521R RH-203dpi ZPL
- ZE521R RH-300dpi ZPL
- ZM400 200 dpi (EPL)
- ZM400 200 dpi (ZPL)
- ZM400 300 dpi (ZPL)
- ZM400 600 dpi (ZPL)
- ZM600 200 dpi (EPL)
- ZM600 200 dpi (ZPL)
- ZM600 300 dpi (ZPL)
- ZQ112 (CPCL)
- ZQ120 (CPCL)
- ZQ210 (CPCL)
- ZQ220 (CPCL)
- ZQ310 (CPCL)
- ZQ310 (ZPL)
- ZQ320 (CPCL)
- ZQ320 (ZPL)
- ZQ510 (CPCL)
- ZQ510 (ZPL)
- ZQ511 (CPCL)
- ZQ511 (ZPL)
- ZQ511R (ZPL)
- ZQ520 (CPCL)
- ZQ520 (ZPL)
- ZQ521 (CPCL)
- ZQ521 (ZPL)
- ZQ521R (ZPL)
- ZQ610 (CPCL)
- ZQ610 (ZPL)
- ZQ620 (CPCL)
- ZQ620 (ZPL)
- ZQ630 (CPCL)
- ZQ630 (ZPL)
- ZQ630R (ZPL)

- ZR118 (CPCL)
- ZR138 (CPCL)
- ZR318 (CPCL)
- ZR318 (ZPL)
- ZR328 (CPCL)
- ZR328 (ZPL)
- ZR338 (CPCL)
- ZR338 (ZPL)
- ZR628 (CPCL)
- ZR628 (ZPL)
- ZR638 (CPCL)
- ZR638 (ZPL)
- ZR658 (CPCL)
- ZR658 (ZPL)
- ZR668 (CPCL)
- ZR668 (ZPL)
- ZT210-200dpi EPL
- ZT210-200dpi ZPL
- ZT210-300dpi ZPL
- ZT220-200dpi EPL
- ZT220-200dpi ZPL
- ZT220-300dpi ZPL
- ZT230-200dpi EPL
- ZT230-200dpi ZPL
- ZT230-300dpi ZPL
- ZT410-203dpi EPL
- ZT410-203dpi ZPL
- ZT410-300dpi ZPL
- ZT410-600dpi ZPL
- ZT410R-203dpi ZPL
- ZT410R-300dpi ZPL
- ZT410R-600dpi ZPL
- ZT411-203dpi EPL
- 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

Back to top

Tips & Advice

- 1. Windows 7 and later operating systems have enhanced control over permissions. When installing in these operating systems, it is recommended that an Administrator account be used.
- 2. The Status Monitor regularly checks the printer for current status information. When the driver is being used over a network connection, this can have the effect of consuming connection ports that would otherwise be used for accepting print jobs at the printer. If the Status Monitor is in use and you are experiencing a delay in printing, try right clicking over the Status Monitor in the system tray (by the clock) and closing the Status Monitor.
- 3. Some printers contain a feature known as Draft Mode. If you are configuring a printer model with this feature, an option to turn on or off the feature is displayed on the Speed and Darkness dialog. When the feature is turned on, the printer shall ignore the current speed setting and print as fast as possible, while maintaining appropriate print quality. This feature would typically be turned on when print quality is unimportant such as receipt printing

Back to top

Known Issues

- 1. When using a printer and Bluetooth communication with the Setup Utility or the Status Monitor, continuous disconnecting/connecting and prompting for credentials will occur if simple secure pairing is used.
- 2. The P4T and RP4T printers contain firmware supporting a subset of ZPL commands. As a result, when using the P4T or RP4T ZPL driver, some functionality in this application is not supported by the printer. In Printer Tools the "Feed one label" option may not work and can be substituted by sending: ! U1 do "test.feed" "now". The printer may not support ZPL commands produced by the Printer Connectivity Wizard. A solution is to install the P4T CPCL driver and generate the required commands in the Connectivity Wizard. The commands can then be sent to the printer using the original ZPL driver using the comm window or send file option.

Back to top

Change Log

Release Date	Version	Changes
09 Feb 2011	1.1.2.790	Added support for Mobile printers.
06 Jul 2011	1.1.2.838	For mobile printers, commands for print speed, darkness and media type are now sent to the printer and/or saved to a file.

		 The direct communication window can now receive all data sent by the printer. A port polling time out option can be adjusted to control this. For mobile printers, there is now a 'send and store' file option in the printer tools wizard. The PEAP, EAP-FAST, EAP-TLS and EAP-TTLS wireless securities are now enabled correctly. Corrected translations in various languages. The darkness wizard now prints the entire batch of labels using the correct darkness settings. The connectivity wizard button is now enabled when selecting the KR403 printer. For EPL printers, the linerless media option command is now sent when selected in the printer settings wizard. The Bluetooth friendly name is not sent to the printer if the Bluetooth enabled option is unchecked. For QLn printers the correct commands are now sent to set static ip addresses. For QLn printers commands are now generated for the wired network option.
15 Aug 2011	1.1.3.838	 The "Send and store file in printer memory" feature for Mobile printers has been corrected. The GX420s is now supported. Added Bluetooth Minimum Security Mode option in connectivity wizard for EZ and QLn mobile printers.
14 Sep 2011	1.1.4.838	 The "Send and Store" feature for Mobile printers has been corrected.
20 Jan 2012	1.1.8.986	 Added the ability to set communication timeout in the options dialog. Added the ability to select Standard or Internal character delimiters in the options dialog. Added the ability to set the printer DNS name in the connectivity wizard. "Connecting to printer" status message is now cleared in the direct comm window once communication is established with the printer. Username field is now enabled for EAP-TLS. The output is now correct when using three certificate files. Bluetooth friendly name is not changed if no name is entered. A dash character can now be used in the Bluetooth friendly name. Binary data can now be received and displayed in the direct comm window.

		 Sensor settings can be set in the Printer Settings Wizard for ZPL printers. Corrected SGD command output for Wired interface settings. Corrected some translations. Time interval setting in Printer Settings Wizard is now enabled for mobile printers. 802.11n radio settings are available for ZT and QLn printers. Connectivity Wizard is now enabled for Tabletop printers with EPL firmware. The following printer models are now supported:- GC420d GC420d (EPL) QLn220 (ZPL) QLn320 (ZPL) ZE500-4 LH-203dpi ZPL ZE500-4 LH-300dpi ZPL ZE500-4 RH-300dpi ZPL ZE500-6 LH-203dpi ZPL ZE500-6 LH-203dpi ZPL ZE500-6 RH-203dpi ZPL ZE500-6 RH-203dpi ZPL ZE500-6 RH-203dpi ZPL ZT210-200dpi ZPL ZT210-200dpi ZPL ZT210-200dpi ZPL ZT220-200dpi ZPL ZT220-200dpi ZPL ZT220-200dpi ZPL ZT220-200dpi ZPL ZT220-200dpi ZPL ZT220-300dpi ZPL ZT220-300dpi ZPL ZT230-200dpi ZPL ZT230-200dpi EPL ZT230-200dpi EPL ZT230-200dpi ZPL
14 Mar 2012	1.1.9.1042	 Corrected an issue with the "Open Communication with Printer" window minimizing in Vista and Windows 7. Corrected some translations. Implemented the ability to configure 802.11n settings on applicable printers. Updated the sensor settings dialog in the Configure Printer Settings wizard.
02 Oct 2012	1.1.9.1048	 Executable files are now signed with Zebra Technologies digital signature. Added the following printer models:- 105SLPlus QLn420 iMZ220 iMZ320
16 Oct 2012	1.1.9.1059	

		 Updates to be Windows 8 compatible. Added the following printer models:- iMZ220 ZPL iMZ320 ZPL
02 Feb 2013	1.1.9.1060	 Added Bluetooth Minimum Security Mode option in connectivity wizard for iMZ mobile printers. Enabled 802.11n settings for iMZ printers.
31 Jul 2013	1.1.9.1114	 Corrected some Russian translations. Added the Mark Gain option to the sensor settings dialog in the Printer Settings Wizard. Removed the ability to enter ASCII strings for configuring WEP keys on mobile printers since they only support HEX. Corrected an issue where wireless security certificates were not being stored in ZPL printers. Added an International Mode option on the Wireless Advanced Settings dialog for applicable printers. Added a Validate Server Certificate option for applicable printers when using PEAP security option. In the Advanced Wireless dialog "Preamble" option has been removed and a "Power Save" option has been added for applicable printers. Updated the Bluetooth settings dialog to add "Bonding", "Enable Reconnect" and "Pairing Method" options for applicable printers. Added "Clear Bluetooth bonding cache" option to the Action tab of Printer Tools for applicable printers. Added the following printer models: ZD500R-203dpi ZPL ZD500R-300dpi ZPL
02 Oct 2013	1.1.9.1121	 The command for the Bluetooth pairing method 'Numeric Comparison - Do not Print Number' has been corrected. Added the following printer models :- ZE500R Series
07 Feb 2014	1.1.9.1122	 The following printer models are now supported. ZD500 ZT410 ZT420 ZT420R

	• The following printers are no longer supported as they have past their Service & Support discontinuation date. • 110 PAX3 • 170 PAX3 • 140 XiIII • 170 XiIII • 220 XiIII • 220 XiIII • 2746e • 90 XiIII • 90 XiIII Plus • 96 XiIII • 96 XiIII Plus • DA402 • LP2824-Z • R110 XIIII Plus • R402 • R4Mplus • S400 • S600 • TA402 • TLP2824-Z • Z4M • Z4Mplus • Z6M
25 Sep 2014 1.1	 A 'Use Printer Setting' selection has been added to the Media Feed option for ZPL printers in the Configure Printer Settings wizard. This is now the default selection in the wizard. The ability to set Draft Mode on the ZQ510/520 printers has been added. The ability to configure WLAN power save mode has been added for tabletop and desktop printers. Corrected an issue where some wireless certificate files did not store in the printer. Corrected an issue where the wrong dialogs were displayed for some printers. This affected the ability to configure Bluetooth and/or Wireless. Bluetooth configuration for ZT410/420 printers is now enabled. Bluetooth 'Enable Reconnect' option is now available for QLn420. Microsoft has ended support for Windows XP (http://windows.microsoft.com/enus/windows/end-support-help). This product release aligns to that decision, with support for Windows XP having been removed. The prior version, 1.1.9.1122, does support Windows XP and shall remain available on our

		 website for download for an extended period of time. Version 1.1.9.1122 is available 'as is'. There is nothing implemented to prevent this version from running on Windows XP. However, this and future versions are not tested on Windows XP. The following printer models are now supported. ZQ510 ZQ520 GT800 (300dpi)
08 May 2015	1.1.9.1149	 Updated to support the new functionality in the driver installation wizard. The following printer models are now supported. ZD410 ZD420 ZR338 ZR628 ZR638 ZT410R 600dpi
09 Sep 2015	1.1.9.1155	 This release is supported on Windows 10 and includes the Windows 10 certified driver. Graphics have been updated for new branding. A printer reset command is now sent at the end of wireless network configurations for ZPL printers. Microsoft has ended support for Windows Server 2003. This product release aligns to that decision with support for Windows Server 2003 having been removed. The prior version, 1.1.9.1122, does support Windows Server 2003 and shall remain available on our website for download for an extended period of time. Version 1.1.9.1122 is available 'as is'. There is nothing implemented to prevent this version from running on Windows Server 2003. However, this and future versions are not tested on Windows Server 2003.
30 Sep 2015	1.1.9.1158	 This version includes the updated 5.1.07.5682 driver which corrects the digital signatures in the Font & Graphic Downloader and Status Monitor installers.
16 Nov 2015	1.1.9.1187	 Added the ability to configure Bluetooth Low Energy settings for printers that support Bluetooth Low Energy. Corrected an issue where the Finish button on the wizards sometimes could not be seen

		when using a display at high resolution.
04 Apr 2016	1.1.9.1192	 Corrected the command output for the transmissive sensor method option on ZT series printers in the Printer Settings Wizard Corrected an issue where using the back buttons and changing values in the wizards caused incorrect output. Corrected the command output for the Clien ID suffix in the Printer Connectivity Wizard wireless settings.
26 Sep 2016	1.1.9.1203	 Updated the EULA in the installer. The following printer models are now supported: ZQ310 ZQ320 ZT510 ZT610 ZT620 ZT620R ZR318 ZR328
27 Feb 2017	1.1.9.1208	 The following printer models are now supported: ZD620
16 Oct 2017	1.1.9.1238	 Added Linerless Peel, Linerless Cut and Linerless Delayed Cut modes in the Configur Printer Settings Wizard to support ZD600 series. The following printer models are now supported: GK420E GK888E
03 Nov 2017	1.1.9.1239	GK420E/GK888E PnP strings changed to GK420e/GK888e in the Windows driver.
11 Jan 2018	1.1.9.1242	 The following printer models are now supported: GK420t Plus ZD510 ZQ610 ZQ620 ZR658 ZR668

23 Mar 2018	1.1.9.1245	 The following printer model is now supported: GT800 Plus
06 Jul 2018	1.1.9.1251	 The following printer models are now supported: ZD511 ZQ120 ZQ220 ZQ630 ZQ630R ZR138
22 Aug 2018	1.1.9.1260	 Corrected the following issues in the driver: Corrected an issue where the wrong version number was displayed in the about dialog. Corrected an issue in the ZT620 driver that prevented memory card options displaying in the Font & Graphic downloader. Added the zebra.com url in the ZD620 about dialog. Updated some configuration files for consistency.
25 Sep 2018	1.1.9.1269	 The following printer models are now supported: ZD220 ZD230 ZD888
13 Feb 2019	1.1.9.1272	 Microsoft has ended support for Windows Vista (https://support.microsoft.com/en-gb/help/22882/windows-vista-end-of-support). This release aligns to that decision, with support for Windows Vista having been removed. The following printer models are now supported: ZT411 ZT411R ZT421 ZT421R
12 Aug 2019	1.1.9.1281	 Added support for using a version 8.x ZDesigner driver. This release is supported on Windows Server 2019. The following printer models are now supported: ZQ112 ZQ210

		 ZQ511 ZQ511R ZQ521 ZQ521R ZR118
09 Sep 2019	1.1.9.1283	 This release has been updated to include the ZDesigner driver v5.1.16.7117 that includes certification for Windows Server 2019.
24 Feb 2020	1.1.9.1286	 The following printer models are now supported: ZD411 ZD421 ZD611 ZD611R ZD621 ZD621R
29 Jul 2020	1.1.9.1289	 The following printer models are now supported: ZE511 ZE511R ZE521 ZE521R

Back to top

Technical Support

Worldwide Technical Support is available through your Reseller, or at: https://www.zebra.com/contact

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Back to top

Software Updates

Zebra Setup Utilities is frequently updated and modified to take advantage of new developments. Updated versions will be available on our web site: https://www.zebra.com/setup

Back to top

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