

ORACLE  
SAP  
LINUX  
WINDOWS

# COMPATIBILITY

## OpenPrint™ – The World's First PostScript and PDF Line Matrix Printer



Printronix offers the world's only PostScript and PDF line matrix printer. The OpenPrint Cartridge Series allows the printer to communicate directly with today's modern enterprise resource planning (ERP) environments, including Oracle®, SAP®, Linux® and Windows®. With OpenPrint, PDF or PostScript files can be sent directly to the printer without hard-coding or special drivers. Output quality is improved because it utilizes PostScript image and graphic capabilities as well as sure scan barcode software.

The OpenPrint platform offers our customers an unprecedented opportunity to implement the industrial strength of line matrix technology within most ERP environments. The easy and instant connectivity of PostScript and PDF files enables IT administrators to quickly deploy new forms and business documents to Printronix line matrix printers throughout ERP enterprise operations. OpenPrint technology provides improved fine point text and fonts - from six point to poster size. It also improves the rendering of barcodes within the printer resulting in enhanced form readability and utility.



# OpenPrint Technical Specifications



## PRINTER MODELS

OpenPrint™ P8ZPH (Zero-Tear Pedestal)  
OpenPrint™ P8PPH (Open Pedestal)  
OpenPrint™ P8CPH (Cabinet)

## PRINT SPEED – IPM (INCHES PER MINUTE\*)

	P8CPH	P8ZPH / P8PPH
180 x 180	79	64
120 x 120	165	133
90 x 180	147	119
180 x 90	147	119
90 x 90	236	191

\*Specification is based on 25% vertical image density, meaning print image exists on 25% of the available vertical dot rows. If the vertical coverage is higher or lower, the speed will decrease or increase proportionally. The width of the image has no effect on the print speed. The highest resolution is typically used with high density barcode applications. OpenPrint™ has the ability to speed up when lower resolutions are used.

## GRAPHICS RESOLUTION

180x180	sure scan enabled (horizontal and vertical bar codes)
120x120	sure scan enabled (horizontal and vertical bar codes)
90x180	sure scan enabled (vertical bar codes only)
180x90	sure scan enabled (horizontal barcodes only)
90x90	sure scan disabled**

\*\*sure scan bar code optimization is enabled by default for resolutions of 120 DPI and higher. It is disabled for 90x90.

## DOT SIZE

11 mil (0.28 mm)

## EMULATIONS

Ghostscript Postscript (Level 3 compatible) and PDF (Level 1.7 compatible)  
Printronix PJI is also included for job control and configuration  
Artifex, the Artifex logo, Ghostscript, and the Ghostscript logo are registered trademarks of Artifex Software, Inc. Postscript is a trademark of Adobe Systems Incorporated.

## COMMUNICATION INTERFACE

Standard: Serial RS-232, USB 2.0, Ethernet 10/100 BaseT  
Optional: Parallel IEEE-1284, Centronics

## FONTS

35 Standard Postscript Level 3 fonts: Bookman-Demi, Bookman-Demilight, Bookman-Light, Bookman-LightItalic, Courier, Courier-Oblique, Courier-Bold, Courier-BoldOblique, AvantGarde-Book, AvantGarde-BookOblique, AvantGarde-Demi, AvantGarde-DemiOblique, Helvetica, Helvetica-Oblique, Helvetica-Bold, Helvetica-BoldOblique, Helvetica-Narrow, Helvetica-Narrow-Oblique, Helvetica-Narrow-Bold, Helvetica-Narrow-BoldOblique, Palatino- Roman, Palatino-Italic, Palatino-Bold, Palatino-BoldItalic, NewCenturySchlbk-Roman, NewCenturySchlbk-Italic, NewCenturySchlbk-Bold, NewCenturySchlbk-BoldItalic, Times-Roman, Times-Italic, Times-Bold, Times-BoldItalic, Symbol, ZapfChancery-MediumItalic, ZapfDingbats

## DRIVERS

Windows XP, Windows 10; Windows Server 2003 and 2008; Linux/UNIX

## SURE SCAN BAR CODES

EAN 8/13, UPC A/E, EAN/UPC Addon 2 or 5, Code 39, Code 128, UCC/EAN 128, Interleaved 2 of 5, Codabar, Industrial 2 of 5, BCD Matrix, Code 93, Inverted 2 of 5, IATA 2 of 5, Matrix 2 of 5, Datalogic 2 of 5

## ORACLE CONNECTIVITY

Use Windows or Linux driver as required.

## SAP CONNECTIVITY

SAPscript: Use Generic POST2 driver resident with SAP  
SmartForms: Use Generic POST2 driver resident with SAP  
Interactive Forms: Direct PostScript supported

To learn more about our SAP Vendor Alliance, visit: [printronix.com/solutions/sap-integration](http://printronix.com/solutions/sap-integration)

## POWER CONSUMPTION

P8ZPH	475 Watts Printing, 5W Standby
P8PPH	475 Watts Printing, 5W Standby
P8CPH	475 Watts Printing, 5W Standby

## OPERATING ENVIRONMENT

Operating Temperature: 50° to 104° F, 10° to 40° C  
Power Voltage: Line Auto Ranging 100-120 VAC, 200-240 VAC, 50/60 Hz (+/-10%)  
Acoustic Noise: 55dB - P8CPH, 65dB - P8PPH, 70dB - P8ZPH  
Environmental Advantage: Improved handling of recycled paper, faster power-up from sleep mode than laser printers

## MEDIA SPECIFICATIONS

Form Thickness: Maximum 0.025" (0.64mm)  
Form Length: 3" (76mm) to 12" (305mm) maximum  
Form Copies: Up to 6 part; up to 4 part for Zero Tear models  
Form Width: 3" (76mm) to 17" (432mm) maximum  
For Zero Tear models: 7.5" (191mm) to 12" (305mm) for up to 4 part carbon and 6 part carbonless.  
7.5" (191mm) to 16" (406mm) for up to 3 part carbon and 4 part carbonless.  
Form Weight: 15 lb. bond to 100 lb. Tag  
For Zero Tear models: 18 lb. bond to 100 lb. Tag 67.7 to 163 gm/M2 for forms up to 12" (305mm) in width.  
20 lb. bond to 100 lb. Tag 75.2 to 163 gm/M2 for forms up to 16" (406mm) in width.

## FORMS HANDLING

Type: Continuous, fan folded, edge-perforation  
Paper Path: Straight through paper path with easy-load twin adjustable tractors  
Feed: Bottom feed  
Forms: Paper-out detector/alarm, paper motion detector/alarm  
Print Width: 13.6" (345mm)

## MEAN TIME BETWEEN FAILURE

10,000 hours

## GENUINE PRINTRONIX CARTRIDGE RIBBONS

Extended Life HD: 34,000 pages;  
Estimated page yield based on ISO LSA page, 8.5"x11" letter size; approximately 5% coverage

**PRINTRONIX®**  
WHEN RELIABILITY COUNTS

PTX\_30027B