

Line Matrix Printers + ACA



PRINTRONIX LINE MATRIX PRINTERS P8000/P8000PLUS + ACA

Printronix introduces design enhancements and improved functionality with the P8000 Cartridge Printer series to achieve the broadest flexibility, greatest compatibility and lowest ownership cost of virtually any other print technology.

The series builds upon the workhorse tradition of all Printronix line matrix technology delivering maximum uptime, low cost of ownership, and reliable performance.

The P8000 series is the ideal solution for buyers looking to minimize operating expense without sacrificing output reliability, regardless of operating environment.



Flexible Design

Printronix modified its industry leading line matrix technology to address evolving user requirements.

- > **Modular enclosures** occupy a smaller footprint while delivering location and installation flexibility.
- > **Sheet metal construction** for increased durability and better acoustics.
- > **New user interface** with larger LCD screen, graphical display and intuitive menu navigation.
- > **Remote printer diagnostics** let you monitor printer status and remotely configure settings & firmware.

Adaptable Functionality

Fully Arabic Support Line Printers:

- > Bilingual Arabic/Latin High speed printing.
- > Reliable for Heavy Duty Operation.
- > Includes major Arabic & Latin Fonts*.
- > Supports 8BIT & 7BIT Arabic code pages*.
- > Supports more than 50 Arabic & Latin Code pages*.
- > Includes more than 20 special customized code pages including UTF8.

*See details/list

Manageable Savings

The P8000 Cartridge Printer is a smart purchase.

- > **Lowest cost of ownership** of any print technology.
- > **Durable design** minimizes downtime related to unfavorable environmental conditions.
- > **Backwards-compatible cartridge ribbons** reduce inventory management costs.
- > **Energy efficient technology** lowers idle power consumption and boosts operating efficiency.



Let's get in touch!
info@globalis.com

Headquarters &
Americas Operations

www.globalis.com

Middle East, Africa
& Asia Operations

www.alistech.ae

Technical Specifications

CONNECTIVITY/INTERFACES

Standard	USB 2.0 and Serial RS-232, Ethernet 10/100 Base T
Optional	Parallel - IEEE-1284 Centronics
Optional (P8000 Plus)	802.1X and IPv6

CHARACTER PITCH (characters per inch)

10, 12, 13.3, 15, 16.7, 17.1, 18, 20

LINE SPACING (lines per inch)

6, 8, 9, 10.3, n/72, n/216

GRAPHICS RESOLUTION

180 dpi Horizontal, 144 dpi Vertical (max)

DOT SIZE

P8000 Plus: 13.6 mil (.35mm) / P8220/P8215
P8210/P802

EMULATIONS

Standard P8: LP+ (Printronix P-Series, P-Series XQ, Serial Matrix, IBM ProPrinter III XL, Epson FX-1050), ANSI, PCL 2, TN5250/TN3270, Graphics Emulation PGL & VGL

TG: Tally ANSI (Tally Industrial Graphics), Genicom ANSI, Printronix P600 (QMS Code V) / P5000 / P6000 (PGL – TG Version), Epson FX-1180, IBM ProPrinter, MTPL (Tally Dot Matrix), HP2564C (PCL3), DEC LG01 (text only)

Optional IPDS: IPDS, DEC LG (text & graphics)

Open Print: PDS + Post Script (Firmware needs to be changed with special security key)

CHARACTER SETS

99 plus character sets including ECMA Latin 1, DEC Multinational, IBM Code Page 437 and 850, OCR A, OCR B, UTF8 encoded Unicode

CHARACTER STYLES

Bold, italic, double wide, double high, overstrike, underline, subscript and superscript

FONTS

Standard Latin: NLQ Serif, NLQ Sans Serif, Data Processing, High Speed, Draft, DP & DP Enhanced OCR A, OCR B
Arabic: Draft, Data Process, Naskh, Kofi, Asri, Raq'a, Naskh bold, Kofi Bold

BARCODE

30 resident symbologies, including Code 39, EAN 8/13, UPC A/E, Intelligent Mail, Postnet, Royal Mail, Interleaved 2 of 5, PDF 417, Data Matrix, QR Code

PRINTER SOFTWARE

Printronix PrintNet Enterprise remote management software, SAP device support

PRINTER DRIVERS

Windows XP, 7, 8, 10; Windows Server 2003, 2008/R2, 2012, 2016, 2019, 2022; Linux/UNIX; SAP

ARABIC SUPPORTED MODES (MECHANISM)

8-BIT (Pure; Neutrals; SWC; ESC); 7 BIT with SWC Balancing SWC; ESC)

ARABIC SUPPORTED CODE PAGES

Supporting all Arabic code pages including: ASMO449; ASMO449+, ASMO708, ASMO708+, ARCI, AME, ER, AL ARABI, IBM, APC, IBM864, ADOS708, ADOS711, NAFITHA, ARABIC WINDOWS, ICL ASMO FARSI, USER DEFINE ADOS 864, and many more.

POWER VOLTAGE

AC input range 100-240 VAC, 50/60 hz

MEMORY

256 MB Flash / 128 MB DDR2 DRAM

POWER CONSUMPTION (TYPICAL)

- P8P05 / P8C05 / P8Z05 320 watts
- P8P10 / P8C10 / P8Z10 320 watts
- P8C15 (P8000 Plus) 475 watts
- P8C20 (P8000 Plus) 475 watts

MAXIMUM MONTHLY WORKLOAD (PAGES)

- P8P05 / P8C05 / P8Z05 120,000
- P8P10 / P8C10 / P8Z10 240,000
- P8C15 (P8000 Plus) 360,000
- P8C20 (P8000 Plus) 480,000

POWER CONSUMPTION (STANDBY)

5 watts

OPERATING TEMPERATURE

Environmental Operating Temperature 50° to 104° F, 10° to 40° C

PAPER TYPE

Continuous, fan folded, edge-perforation

PRINT WIDTH

Up to 13.6" (345mm)

MEDIA COPIES

Up to 6 part

MEDIA LENGTH

3" (76mm) to 12" (305mm)

MEDIA THICKNESS MULTI-PART

0.025" (0.64mm) max

MEDIA WIDTH

- 3" (76mm) to 17" (432mm)
- 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

MEDIA WEIGHT SINGLE PLY

- 15 lb. Bond to 100 lb. Tag (56 to 163 g/m²)
- For Zero Tear models:
 - 18 lb. Bond to 100 lb. Tag (67.7 to 163 g/m²) for forms up to 12" (305mm) in width
 - 20 lb. Bond to 100 lb. Tag (75.2 to 163 g/m²) for forms up to 16" (406mm) in width

MTBF

10,000 hours at 25% duty cycle and 25% page density

CONSUMABLE/RIBBONS

Standard Life Cartridge Ribbon 17,000 pages
Extended Life Cartridge Ribbon 30,000 pages
Page yield based on ISO LSA Page, 8.5" x 11" letter-size, approximately 5% coverage

DIMENSIONS & WEIGHT P8000/P8000 PLUS CABINET

Height: 40.5" (1028.7 mm), **Width:** 27" (685.8 mm)

Depth: 29" (736.6 mm)

Printer Weight: 200 lbs (90.7 kg)

Shipping Weight: 265 lbs (120.2 kg)

DIMENSIONS & WEIGHT P8000 OPEN PEDESTAL

Height: 35.9" (911.8 mm), **Width:** 25.8" (655.3 mm)

Depth*: 29.1/19.1" (739.1/485.1 mm)

Printer Weight: 115 lbs (52.1 kg)

Shipping Weight: 165 lbs (74.8 kg)

*With basket / Without basket



Let's get in touch!
info@globalis.com

www.globalis.com

www.alitech.ae

Headquarters &
Americas Operations

Middle East, Africa
& Asia Operations