

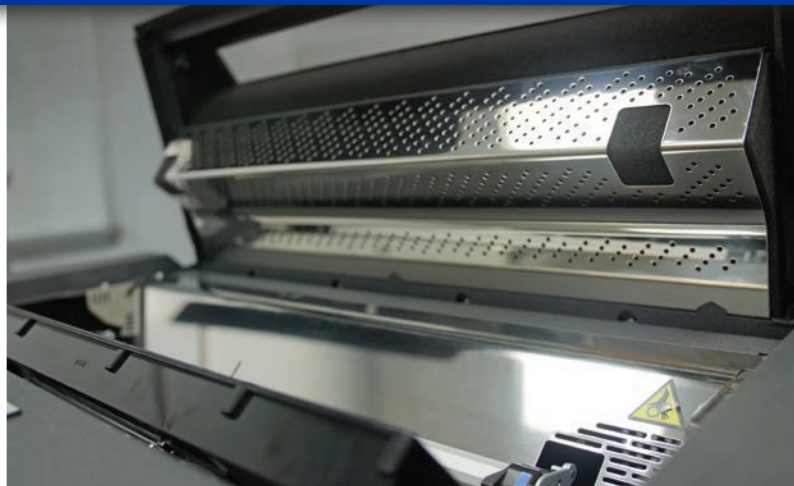
PRINTRONIX®

S828

SERIAL DOT MATRIX PRINTER



ULTRA RUGGED & RELIABLE • HIGH PERFORMANCE • IBM COMPATIBLE





The ultra rugged, IBM compatible, desktop print solution built to excel in the most rigorous industrial environments.

Your priority is running your business. Our priority is delivering & supporting industrial printing solutions that your business can count on, regardless of the environment or workload.

Ultra Rugged & Reliable

The Printronix S828 sets a new standard for the ultimate in rugged desktop reliability. More than a high performance serial matrix printer, the S828 builds upon the workhorse tradition of Printronix industrial printers delivering maximum uptime, low cost of ownership, and reliable operation across a wide range of environments. In addition to heavy-duty 6-pin tractors for optimal forms feeding reliability, and industry leading printhead life, the most defining feature of the S828 is the highly functional & durable metal construction designed to outlast any other printer in this category.

High Performance

The S828 combines 800 cps print speed performance with a high function multi-lingual operator interface for efficient and intuitive operation. Time is money, and the ability to fully automate & customize forms handling will maximize user efficiency through eliminating key presses and expediting forms retrieval. For larger distributed





S828

PRINTRONIX®

environments, the S828 includes a powerful remote printer management utility to empower IT to view real-time status updates, remotely configure multiple printers, and access to a fully functional virtual operator panel. The S828 also supports a 2nd front feed forms path, and is 50% quieter than competitive offerings.

Plug & Play Compatibility

In addition to standard Ethernet, USB, Parallel and Serial, the S828 supports ANSI 3.64 and the 18-pin emulations used by legacy Genicom & IBM printers to allow for plug & play compatibility without requiring driver or application changes. For IBM environments, the S828 offers genuine IBM IPDS for absolute compatibility and functionality.

In a world of expensive to maintain desktop printers, Printronix serial printers offer a highly reliable, sustainable, and cost effective solution for generating a wide range of transactional supply chain documents.

Highlights:

- >> Heavy-duty metal construction enclosure
- >> Best in class 800M character printhead life
- >> Extended ribbon life: 25M Characters
- >> Heavy duty 6-pin tractors deliver superior form feed reliability
- >> Optional second front feed tractor
- >> 18 pin printer: 800 cps @ 10cpi
- >> Wide format: 132 columns
- >> Lowest noise level in its class: 54dBA
- >> Fully automated and configurable form feeding
- >> High visibility attention light
- >> Support for 18-pin emulations used by legacy IBM & Genicom printers
- >> True IBM IPDS (optional)
- >> Enclosed pedestal (optional)
- >> Powerful remote printer management
- >> Standard Interfaces: parallel, serial, USB & Ethernet



S828 Specifications

PRINT TECHNOLOGY

18-Pin serial dot matrix printer- 136 columns @ 10cpi

THROUGHPUT (ISO/IEC 10561 @ 10 CPI)

DIN Letter Up to 660 PPH

Spreadsheet Up to 450 PPH

(PPH = pages per hour)

THROUGHPUT (DRAFT MODE @ 10 CPI)

40 CPL 450 LPM

80 CPL 330 LPM

136 CPL 250 LPM

(CPL = characters per line / LPM = lines per minute)

PRINT SPEED @ 10 / 12 / 15 CPI

DP Mode 800 / 960 / 1200 CPS

DP Text 480 / 576 / 720 CPS

NLQ 232 / 278 / 348 CPS

(CPS = characters per second)

LINE LENGTH (NUMBER OF CHARACTERS)

10 CPI – 136 17.1 CPI – 233

12 CPI – 163 20 CPI – 272

15 CPI – 204 24 CPI – 326

(CPI = characters per inch)

MEDIA HANDLING

Front feed 6-pin tractor with jam sensor. Optional second front feed 6-pin tractor with jam sensor.

MEDIA SPECIFICATIONS

Media Type Continuous form, front loading

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

Length 78 to 610 mm (3" to 24")

Max Thickness 0.635mm (0.025")

Copies 1+7

Weight Top form: 55 to 150 g/m²

Attached Sheet 45 to 75 g/m²

HORIZONTAL SPACING

10, 12, 15, 17.1, 20, 24 CPI & proportional

VERTICAL SPACING

6, 8, 12 lines per inch

3, 4, 6, 8, 12 lines per 30mm

GRAPHICS RESOLUTION (DPI)

Horizontal 60, 72, 80, 90, 120, 144, 240

Vertical 72, 144

(DPI = dots per inch)

FONTS

Draft, Courier, Gothic, OCR-A, OCR-B

BARCODES

Codabar, UPC-A, UPC-E, EAN-8, EAN-13, UPC/EAN ADD-ON 2 and 5, Code 2 of 5, Code39, Code128, Code11, Code93, CodeGP, CodeBCD, C25-3BAR, Postnet, MSI, Intelligent Mail barcode

MEMORY

Input buffer 128 Kb

CONNECTIVITY

Standard USB 2.0, Parallel, Serial RS232, Ethernet 10/100 (Optional IPDS)

RIBBON LIFE

Extended Life Ribbon: 25 Million Characters

PRINTHEAD LIFE

800 Million Character Yield

WORKLOAD

Pages per month (max. 4 hrs/day): 57,000

PHYSICAL DIMENSIONS & WEIGHT

Dimensions: 721 x 399 x 351 mm / 28.4 x 15.7 x 13.8"

Weight: 33 Kg / 72.6 lbs

POWER REQUIREMENT

100 - 240V, Auto Range, (60 Hz - 50 Hz)

RELIABILITY

MTBF: 20,000 hours

SOFTWARE

Remote Printer Management Utility

POWER CONSUMPTION

120W Printing, 30W Standby

OPERATING ENVIRONMENT

Temp 10° to 40.6°C (50° to 105°F)

Humidity 10% to 90% Relative Humidity

Storage Temp -35° to 65°C (-31° to 149°F)

Humidity 5% to 95% Relative Humidity

Noise <54dBA

DRIVERS

Win10 (32/64), Win8 (32/64), Win7 (32/64), WinServer2008 (32/64), Win2003 (32/64), WinNT, WinXP

EMULATION TYPES

Epson® FX Series, IBM® Proprinter III XL, IBM Personal Printer 2381, ANSI 3.64, S828 native commands

IPDS: IBM 4224, IBM 4230 and S828 native command

SPECIAL FUNCTIONS

Auto paper path switching via operator panel or software commands. Auto forms thickness adjust. Auto fanfold position for zero tear-off. Auto paper parking.

PRINTRONIX®
WHEN RELIABILITY COUNTS

www.printronix.com