

# PRINTRONIX®

## S828

SERIAL DOT MATRIX PRINTER

# ULTRA-RUGGED / QUIET



**GENUINE IBM IPDS**





# PRINTRONIX®

## S828

**The ultra-rugged, IBM-compatible, quiet desktop print solution built to excel in the most rigorous office & 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

The S828 sets a new standard for the ultimate in rugged desktop reliability; building on the workhorse tradition of Printronix industrial printers which deliver maximum uptime, a low total 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 & ultra-rugged metal construction designed to outlast any other printer in this category.

### QUIET

At 54dBa the S828 delivers best in class acoustics. Around 50% quieter than leading competitors, it is unrivaled in noise reduction. The S828 also combines 800 cps print speed performance (@ 10 CPI) with a high function multi-lingual operator interface for efficient and intuitive operation.







## PLUG & PLAY COMPATIBILITY

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

## GENUINE IBM IPDS

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

### HIGHLIGHTS:

- » Heavy-duty with ultra-rugged metal construction enclosure
- » Lowest noise level in its class: 54dBA
- » Genuine IBM IPDS (optional)
- » Best in class 800M character printhead life
- » Extended ribbon life: 25M Characters
- » Heavy duty 6-pin tractors deliver superior form feed reliability on up to 8-part forms
- » Optional second front feed tractor
- » 18 pin printer: 800 cps @ 10cpi
- » Fully automated and configurable zero-tear form feeding
- » High visibility attention light
- » Support for 18-pin emulations used by legacy IBM & Genicom printers
- » Powerful remote printer management
- » Standard Interfaces: parallel, serial, USB & Ethernet
- » Enclosed pedestal (optional)



# 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/m<sup>2</sup>  
Attached Sheet 45 to 75 g/m<sup>2</sup>

## 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: 57,000

## PHYSICAL DIMENSIONS & WEIGHT

Dimensions (LxWxH): 450 x 730 x 350 mm / 17.7 x 28.7 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](http://www.printronix.com)

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