

PRINTRONIX® S809

› Serial Dot Matrix Printer

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**Reliable, industry leading
24-pin price/performance built
to be the toughest, fastest and
quietest in its class.**

FAST & TOUGH

The **Printronix S809 Serial Matrix Printer** combines 900 cps print speed performance (@ 10 CPI) with best in class printhead life, workload capacity, and reliability (MTBF) so you can meet & exceed your output requirements while maintaining the lowest possible cost of ownership.

In addition, the primary & secondary front feed forms paths use heavy-duty 6-pin tractors for optimal zero-tear forms feeding reliability on up to 8 part forms, and the extended life ribbon delivers 25% more yield than most competitive offerings.

QUIET

At 54dBa the S809 delivers best in class acoustics. Around 50% quieter than leading competitors, it is unrivaled in noise reduction.

The S809 also boosts ease of use through a high-function, multi-lingual operator interface, and minimizes user intervention through fully automated & customizable forms handling - auto load, eject & restore, park, and forms thickness adjust.

Additionally, standard Ethernet, USB, Serial & Parallel allow for flexible placement. To assist IT with managing larger install bases of distributed printers, the S809 also includes a powerful remote printer management utility for real-time status updates, remote configuration of multiple printers, and access to a fully functional virtual operator panel.



Key Features

- › 900 CPS @ 10 CPI
- › Lowest noise level in its class: 54dBA
- › Best in class 800M character printhead life
- › Extended ribbon life: 25M Characters
- › Automated and configurable zero-tear form feeding minimizes user intervention
- › Powerful remote printer management
- › Robust multi-lingual operator panel
- › Optional second front feed tractor available
- › Standard Interfaces: parallel, serial, USB & Ethernet
- › Wide format: 136 columns
- › Heavy duty 6-pin tractors deliver superior form feed reliability on up to 8-part forms
- › Open pedestal (optional)



Let's get in touch!
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Technical Specifications

PRINTRONIX
S809

PRINT TECHNOLOGY

24-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

HSD 900 CPS
Draft 800 / 960 / 1200 CPS
Best Draft 400 / 480 / 600 CPS
NLQ 267 / 320 / 400 CPS
LQ 133 / 166 / 200 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, 80, 90, 120, 240, 360
Vertical 60, 72, 180, 360

(DPI = dots per inch)

FONTS

Draft, Courier, Gothic, OCR-A, OCR-B, Prestige, Script, Presentor

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

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 700 x 320 mm / 17.7 x 27.5 x 12.6"
Weight: 21 Kg / 46.3 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, 2000-WinXP, 98_ME, Vista

EMULATION TYPES

Epson® ESC/P LQ Series / IBM® Proprinter XL24 / IBM
Personal Printer 2391 / ANSI 3.64, S809 native commands

SPECIAL FUNCTIONS

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

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