

I/A Series® Hardware

PSS 21H-4B4 B4

Color PCL3™ Printer



The color PCL3 printer is a cut-sheet printer that provides high-quality workstation PCL Level 3 printing and display color imaging for a permanent record of plant/process reports and displays.

FEATURES

The color PCL3 printer provides the following features:

- ▶ High-quality hard copy output from I/A Series® system Solaris™ based and Windows® based workstations
- ▶ Can be used for printing text, such as message logs, or for printing high-resolution process graphics
- ▶ Quiet operation.

HIGH PERFORMANCE

The color PCL3 printer provides PCL Level 3 printing and high-resolution multi-color printing sourced from I/A Series workstations. It can also be used for general purpose printing of logs and is recommended in applications where quiet operation is desired.

Full-screen displays can be printed on regular paper or, for highest quality results, on glossy paper which is specially designed for use with the color PCL3 printer. Images can also be copied from a workstation display to an overhead transparency. Print cartridges are installed quickly, easily, and cleanly.

OPERATION

A menu selection on the I/A Series workstation allows you to select the color PCL3 printer as the device to which display screen images are sent when a printscreen is requested. Display copies can be requested from an X Terminal with X Server software and remote I/A Series Display Managers. Display copies can also be printed from remote clients of an I/A Series workstation server.

The entire screen image or a selected window image can be captured in a buffer. Screen images require

less than five minutes to print on a moderately busy system.

Color PCL3 printer activity occurs independently of normal display operation. As a result, the operator can access new displays at any time, excluding the image capture time.

Part Number:

P0923HT: HP® manufacturer, Model 9800 printer.

Cables must be ordered separately.

FUNCTIONAL SPECIFICATIONS

Printing/Imaging Technology

Plain paper, drop-on-demand, thermal ink-jet printing
HP® PhotoREt® III resolution technology

Color Rendering Technology

HP® ColorSmart® and Color Resolution Enhancement technology (REt)

Resolution⁽¹⁾

Up to 1200 by 1200-rendered dpi black
Up to 4800- optimized dpi color and 1200-input dpi

Print Engine Maximum Speed

BEST MODE

Up to 0.6 ppm black
Up to 1.5 ppm mixed text/color graphics
Up to 0.5 ppm full-page color

NORMAL MODE

Up to 8 ppm black
Up to 6 ppm mixed text/color graphics
Up to 1.9 ppm full-page color

FAST NORMAL MODE

Up to 8.5 ppm black
Up to 7.5 ppm mixed text/color graphics
Up to 2.5 ppm full-page color

DRAFT MODE

Up to 30 ppm black
Up to 20 ppm mixed text/color graphics
Up to 8.0 ppm full-page color

Memory

16 MB built-in RAM

InkJet™ Printing Mechanism

Two disposable print cartridges: one for black, one for three colors (cyan, magenta, yellow)

Connectivity

IEEE 1284-compliant parallel port for use with all Windows® OS and Solaris™ 8 OS and earlier OS processors.

USB 2.0 port for use with P82 processors running the Solaris™ 10 OS.

Languages

HP® PCL Level 3 enhanced

Media

TRAY CAPACITY INPUT

Up to 150 sheets of plain paper

TRAY CAPACITY OUTPUT

Up to 100 sheets of plain paper

SIZES

Letter, A4, legal, executive, and custom sizes.

TYPES

Cut-sheet plain paper, transparencies, cut-sheet special, and glossy paper

WEIGHTS OF PAPER

16 to 74 lb (60 to 280 g/m²)

Scalable Typefaces

8 built-in fonts

(1) The maximum resolution is 300 dpi.

PHYSICAL SPECIFICATIONS

Width x Depth x Height

22.6 x 16.1 x 7.33 in (574.5 x 409.5 x 186.3 mm)

Part Number

P0923HT – HP® 9800 printer

Weight

24.25 lb (11 kg) with power supply and cable

ENVIRONMENTAL SPECIFICATIONS

Temperature (Operating)

5 to 40°C (41 to 104°F)

Temperature (Storage)

-40 to +70°C (-40 to +158°F)

Relative Humidity (Operating, Noncondensing)

20 to 80% relative humidity

Operating Noise

Best mode: 5.7 B(A)

Location

UL/UL-C listed as suitable for use in ordinary locations and meets ordinary safety standards for fire and shock hazards.

Contamination

Class G1 (Mild) as defined in ISA Standard S71.04

ELECTRICAL SPECIFICATIONS

Line Voltage

110 to 240 V ac, $\pm 10\%$

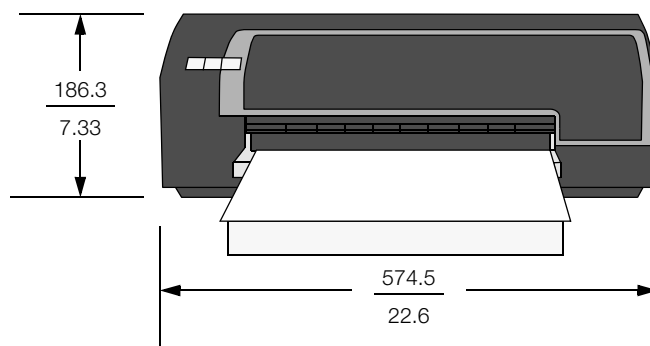
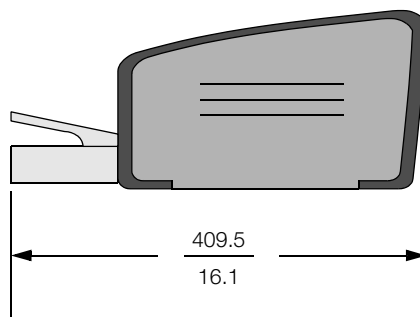
Line Frequency

50 or 60 Hz, ± 3 Hz

Power Consumption**PRINTING**

60 W, average, when printing

DIMENSIONS—NOMINAL



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Printed in U.S.A.

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