

Help assure e-business readiness with a high-speed, digital printing solution.



IBM Infoprint 2000 Advanced Function Printing System

Highlights

e-business ready

Powerful IBM RS/6000 technology

Easy-to-use Java-based operator interface

Supports native AFP/IPDS printing

Supports resident and downloadable raster fonts and resident outline fonts

Benchmark image quality

Up to 110 ipm print speed at 600 dpi resolution

Supports 240, 300, 600 dpi and automatic conversion

Customizable high-volume production solution

Up to 8,000 sheets on board, six input bins

Integrated dual-head, proportional finishing

Help your enterprise become more e-business ready with the IBM® Infoprint® 2000 Advanced Function Printing System, which extends the capabilities of a proven, high-production digital system. A powerful IBM server and new controller accelerate information flow and improve organizational efficiency — reliably and cost effectively.

Boost your output power

Operate and compete at a new level. The Infoprint 2000 AFP System offers instantaneous delivery of information, global data access, secure output and reliable job completion. Reliability enhancements help ensure maximum throughput and uptime.

By combining advanced hardware and software components, the Infoprint 2000 offers you a complete native Advanced Function Printing™ (AFP™) solution that delivers exceptional flexibility and control. The solution includes an IBM RS/6000®-based Advanced Function Common Control Unit™ (AFCCU™), AFP architecture, Intelligent Printer Data Stream™ (IPDS™) and a powerful print engine. You also receive built-in support for SNMP.¹

When you add IBM Infoprint Manager software you gain maximum flexibility to support datastreams beyond IPDS and to manage print jobs comprehensively. AFP and IPDS provide essential e-business capabilities of electronic document creation and manipulation as well as bi-directional communications.



The Infoprint 2000 AFP system offers a robust AFCCU controller and the benefits of a fully digital production system for a complete print solution.

It's not about the document, it's about your information.

Do more with IBM Infoprint Manager

Streamline print management and free your staff to concentrate on more important operational issues. With Infoprint Manager, you can:

- Submit jobs electronically
- Reduce incompatibility issues by processing input from multiple datastreams (PostScript®, PCL, AFP, PDF, TIFF and more)
- Maintain productivity by distributing automatically different job types and job sizes to appropriate output devices
- Save user time and reduce costs associated with job resends with automatic page- and job-level recovery

Store, retrieve, view and manage text, graphics, images and more. Then, deliver output via hardcopy, fax, e-mail and the Internet at e-business speed.

Enhance productivity and quality

Imagine complex jobs that run at close to rated speed, "offset-like" halftones and robust collation and stapling¹ that require minimal operator intervention. The feature-rich, fine-tuned Infoprint 2000 sets a new standard for high-speed, benchmark-quality printing:

- Electronic, system-based data storage and management
- Variable intensity printhead
- High-resolution "Write Black" imaging technology
- Short, straight paper path
- Vacuum feed adjustment for paper weight
- Active registration
- Automatic image quality adjustment
- Trayless duplexing

Capitalize on new technology

At its best, technology provides strategic operational advantages. The Infoprint 2000 was built from the ground up as a fully digital production system that helps you maximize operational efficiency, move information quickly and minimize cost through automation.

The AFCCU controller enables AFP capability. A user-friendly Java™-based console features an innovative touch-screen interface,¹ and includes keyboard and mouse support. And to help ensure that your output provides benchmark quality, the Infoprint 2000 operates at 600 dpi resolution with automatic 240/300 dpi conversion.

Worldwide service and support

In addition to the standard warranty, preventive maintenance and remote diagnostics offered with the Infoprint 2000, IBM offers customizable, comprehensive global service and support including 24x365 coverage. Call (800) 358-6661, option 3, or contact your local IBM Printing Systems representative for details.

Maximize performance with IBM supplies and paper

Optimize your Infoprint 2000 with genuine IBM supplies and paper. Contact IBM at ibmprint@us.ibm.com or your local dealer for details.

For more information

To learn more about the Infoprint 2000 and its ability to help you become more e-business compliant, contact your local IBM sales representative or visit ibm.com/printers



The Infoprint 2000 AFP System leverages the RS/6000 to optimize datastream processing, cache and reuse image objects, and to provide bi-directional job management and page-level error recovery.

Infoprint 2000-DP1 Advanced Function Printing System at a glance

System Hardware Components	Advanced Function Common Control Unit (AFCCU) printer controller		
	— IBM RS/6000 44P Model 170	— 333 MHz	— 256 MB SDRAM
	— 91 GB hard disk	— 32x CD ROM	— 3.5" 1.44 MB Floppy Disk Drive
	— MIP Interface Board	— Ethernet Switch	— Modem 56 kbps (Remote Diagnostics)
	— T55 15" Flat Panel Monitor	— POWER GXT 130P Graphics Adapter	
	Marking Image Processor (MIP)		
	— 512 MB RAM	— AFCCU/Marking Engine Interface	
	Marking Engine		
	— Imaging Process	— Electrophotographic/LED	— Small Particle Development
	— Heat Fusing		
Print Speed Per Minute (up to)	— 110 impressions per minute (letter/A4, legal), 55 impressions per minute (11 x 17/A3)		
Usage (monthly maximum)	— 2 million 8.5 x 11 impressions per month ²		
Paper Supply Module	— (3) vacuum feed paper drawers (4,000 sheet total capacity)		
	Paper Supply Features		
	— Continuous run while loading		
	— LED indicators (Paper Level, Paper Size, In Use, Add Paper)		
	— Adding optional second paper supply module allows access to up to six different stocks		
	Capacities/Supported Paper Sizes		
	Drawer 1		
	— 1,000 sheets (20 lb.)	— 8.5 x 11 (letter)	— 8.5 x 14 (legal)
	— 9 x 11 (tab)	— 9 x 12 (manual)	— 8.27 x 11.69 (A4)
	— 8.86 x 11.69 (A4 tab)	— 9 x 14 (legal tab)	
	Drawer 2		
	— 1,000 sheets (20 lb.)	— 8.5 x 11 (letter)	— 8.5 x 14 (legal)
	— 9 x 11 (tab)	— 9 x 12 (manual)	— 9 x 14 (legal tab)
	— 8.27 x 11.69 (A4)	— 8.86 x 11.69 (A4 tab)	— 11 x 17 (ledger)
	— 16.54 x 11.69 (A3)		
	Drawer 3		
	— 2,000 sheets (20 lb.)	— 8.5 x 11 (letter)	— 8.5 x 14 (legal)
	— 9 x 11 (tab)	— 9 x 12 (manual)	— 9 x 14 (legal tab)
	— 8.27 x 11.69 (A4)	— 8.86 x 11.69 (A4 tab)	— 11 x 17 (ledger)
	— 16.54 x 11.69 (A3)		
Supported Media	Paper Weights		
	— 16 lb. bond to 110 lb. index (60g/m ² to 200 g/m ²)		
	Paper Types		
	— Xerographic Bond	— Dual Purpose	— Recycled
	— Rag Bond	— Cover Stock	— Transparency
	— Ledger Grain Long	— Short/Long Grain Stocks	
Finisher	Features		
	— Straight or offset stacking	— Single or double stitch (measured stitch) ¹	
	— Face-down document delivery		
	Finisher Capacities		
	— Top tray - 500 (20 lb. 8 x 10.5 to 11 x 17 sheets, A3/A4)		
	— Finisher Stacker - 3,000 (20 lb. 8 x 10.5 to 8.5 x 14 sheets, A4)		
	— Stitcher - up to 100 sheets (20 lb. 8 x 11 to 8.5 x 14 sheets, A4) ¹		
High Capacity Stacker (optional)	Features		
	— Capacity 5000 (20 lb. 8 x 10.5 to 11 x 17 sheets, A3/A4)	— Straight or offset stacking	
	— Face-down document delivery	— Unload while running	
		— Removable cart	
Environmental Conditions	Permitted temperature and humidity ranges: Temperature—60° to 90° F (15.5° C to 32.2° C) Humidity—5% to 90% RH Optimal temperature and humidity ranges: Temperature—70° F, Humidity—50% Acoustics—85 dbA (operating), 73 dbA (idle)		
Attachments/Protocols	Physical		Protocol
	— System 370 Parallel		Channel
	— System 390 Serial		ESCON
	— Token-Ring		TCP/IP
	— Token-Ring		SNA
	— Ethernet 10/100BaseT		TCP/IP
	— FDDI		TCP/IP

Infoprint 2000-DP1 Advanced Function Printing System at a glance (continued)

Print Languages Support

- IPDS
- with Infoprint Manager for AIX: line data, AFPDS, Ditroff, GIF, JPEG, PCL5/5e, PDF, PostScript, TIFF, and with SAP support: ABAP, OTF
- with Infoprint Manager for NT: PCL5/5e, PostScript, PDF, TIFF, GIF, JPEG

Software Support

Platform

- PSF/MVS
- Infoprint Manager for AIX
- PSF for OS390
- Infoprint Manager for NT
- PSF/400
- Network Printer Manager¹

Physical Characteristics (sizes & weights)

Marking Engine

- Height 64 in. (162.6 cm)
- Depth 47 in. (119.4 cm)
- Length 67 in. (170.2 cm)
- Weight 1500 lb. (567.3 kg)

MIP

- Height 26 in. (66 cm)
- Depth 20.5 in. (51 cm)
- Length 18 in. (45.7 cm)
- Weight 120 lb. (54.4 kg)

Optional High-Capacity Stacker

- Height 49.5 in. (125.7 cm)
- Depth 31.6 in. (78.7 cm)
- Length 33 in. (84.8 cm)
- Weight 450 lb. (203.7 kg)

Standard Finisher

- Height 61.5 in. (156.2 cm)
- Depth 34 in. (86.4 cm)
- Length 22 in. (53.3 cm)
- Weight 650 lb. (294.7 kg)

Paper Supply Module

- Height 45 in. (114.3 cm)
- Depth 33.5 in. (83.8 cm)
- Length 31 in. (78.7 cm)
- Weight 545 lb. (247.4 kg)

Controller and Storage Unit

- Height 20.5 in. (52 cm)
- Depth 20.25 in. (51.5 cm)
- Length 26 in. (66 cm)
- Weight 79 lb. (35.8 kg)

Power Requirements

Marking Engine/Paper Supply/Finisher

- AC Power
- 60 Hz, 120/208-127/208 volts, 24 amps

Stacker

- AC Power
- 60 Hz, 120 volts, 4 amps

Convenience Outlet (AFCCU, switch, monitor, modem)

- AC Power
- 60 Hz, 120 volts, 15 amps

¹ While not available initially, IBM intends to deliver this capability in February 2001.

² IBM does not recommend reaching this monthly maximum on a consistent basis.

The following are trademarks or registered trademarks of IBM Corporation in the United States and/or other countries: Advanced Function Common Control Unit, AFCCU, Advanced Function Printing, AFP, AIX, the e-business logo, IBM, Infoprint, Intelligent Printer Data Stream, IPDS and RS/6000.

Java and all Java-based trademarks are trademarks of Sun Microsystems, Inc. in the United States, other countries, or both.

PostScript is a registered trademark of Adobe Systems Incorporated.

Other company, product and service names may be trademarks or service marks of others.

IBM hardware is manufactured from new parts, or new and used parts. Regardless, our warranty terms apply.

This equipment is subject to FCC rules. It will comply with the appropriate FCC rules before final delivery to the buyer.

References in this publication to IBM products or services do not imply that IBM intends to make them available in all countries in which IBM operates.



© International Business Machines Corporation 2000

IBM Printing Systems
Dept. HT7/001H
P.O. Box 1900
Boulder, CO 80301-9191

Printed in the United States of America
09-00
All Rights Reserved

Visit the IBM Printing Systems home page at
ibm.com/printers

The IBM home page can be found on the Internet at
ibm.com



G563-0149-00