

INFOPRINT 1870 MFP

HIGHLIGHTS

- Boost the level of convenient, flexible support for medium and large workgroups with one multifunction device
- Increase end-user productivity with advanced copy and fax functions
- Enhance security with user access controls, corporate directory browsing and encryption
- Accelerate job completion with first-page-out time as fast as 9.5 seconds¹
- Scan double-sided copy documents both in black and in color; print in black
- Increase user productivity with high reliability and low cost of ownership



WORK EFFICIENTLY AND EFFECTIVELY WITH A HIGH-PERFORMANCE MFP

The InfoPrint® 1870 MFP is a high-performance, departmental, monochrome print, copy, fax and scan device. A single multifunction device can replace multiple single-function devices to lower your total cost of printing and provide the functionality required by an On Demand Business.

This MFP is designed to help you work efficiently and effectively thanks to advanced functionality, a powerful 600 MHz processor, first-page-out time as fast as 9.5 seconds¹ and print speed up to

55 pages per minute (ppm).¹ The low-glare, adjustable color touch screen and intuitive interface make it easy for all types of users to complete jobs quickly.

SIMPLIFY DAILY OUTPUT TASKS

The InfoPrint 1870 MFP includes many features that simplify use. It provides job interrupt to accommodate priority copies, USB flash memory device print and scan, intuitive job cancel, auto sensing for letter and legal sizes, copy countdown, a legal-size flatbed scanner, e-mail print confirmation, customizable icons, and embedded solutions, such as scan to folder.

Additional functions help to achieve professional results: reduce and enlarge, separator sheets, margin shift, edge erase and date/time stamp. With variable quality settings—1200 x 1200 dpi at reduced speed and 600 x 600 dpi at full speed—users can obtain the output quality they desire.

MarkVision printer management utilities help you achieve a cross-platform printer management solution. Administrators can monitor and manage network devices via a Web browser and receive real-time notification of printer conditions, such as low toner, to enable fast intervention when it's required.

PROVIDE HIGHER PERFORMANCE AND FUNCTIONALITY WITH A HARD DRIVE

A hard drive may help process jobs faster and provide additional functionality. Scan preview gives users the opportunity to verify that the document has been scanned appropriately. In copy mode, you can create booklets from a sequence of collated output that, when folded in half, can form a booklet half the page size of the original document and with all the pages in order. Custom job and job build features permit you to combine multiple scanning jobs into a single job. A hard drive also provides more storage for jobs and fonts.

BOOST SECURITY AND CONFIDENTIALITY

Insufficient security at the output level can place your business at risk. With an InfoPrint MFP, you can reduce risk with security features at both the data stream and printer levels. Intuitive PIN-secured confidential print functionality helps prevent documents from printing until an end-user is at the device to retrieve them.

Administrative passwords, encryption, hard drive security and cable lock support provide robust protection. Flexible features, such as configurable user authentication, are compatible with company applications such as LDAP and a customizable operator panel allows customers to fine-tune functionality to fit their requirements.

SUSTAINABILITY IS IMPORTANT

The InfoPrint 1870 was developed with your environment in mind. The low-cost duplex models can help cut your paper usage up to half when jobs default to 2-sided printing. These devices use 15 – 25% less energy than predecessor models. We pack our devices carefully, using the smallest number of individual boxes and other packaging materials.

REDUCE, RETURN, AND RECYCLE

InfoPrint Solutions Company™ recognizes that environmental conservation is part of our calling as a global citizen. Reducing waste is crucial to minimizing our impact on our environment. Offering high-yield and extra-high-yield toner cartridges will extend cartridge life span and decrease overall cartridge manufacturing with less tonnage in the landfill.

InfoPrint is committed to preserving natural resources through the proper handling of used printer supplies. Once a supply has reached its end of life, we encourage you to partner with us by participating in our product return programs. We are also determined to recycle supplies that cannot be reused. If a returned product can't be reconditioned because it does not meet our high standards for quality and performance, it is then broken down into raw materials. More than 90% of this resultant material is recycled into new products.

ENGAGE THE PRINTING EXPERTS

With InfoPrint Solutions Company, you can receive support when you need it from experts with comprehensive knowledge of printers, software and supplies. Same-day and next-day service offerings are available for InfoPrint Solutions Company printers in the U.S.

INFOPRINT 1870 MFP SPECIFICATIONS

Paper handling

Input sources (std/max)	dnx: 2/6 dtx: 3/6
Standard input capacity	dnx: 650 sheets (1 550-sheet input, 100-sheet multipurpose feeder); dtx: 1,200 sheets (2 550-sheet input, 100-sheet multipurpose feeder);
Optional input	Up to 2,650** sheets using up to 4 additional drawer inputs ** Requires removal of the standard modular drawer Additional input drawers: 250-sheet, 550-sheet, and 2000-sheet drawer input available Some configurations may require furniture; please see your sales representative
Output locations (min/max)	1/1
Standard output capacity	550
Optional output	None

Printer media input²

Sizes	A4; A5; JIS B5; letter; legal; executive; folio; statement; some envelopes
Types	Plain paper; cardstock; transparencies; some envelopes; paper labels designed for laser printers (occasional use only)
Weights	Plain paper: 16 to 47 lb. (60 to 176 g/m ²) bond; Card stock: Up to 90 lb. (163 g/m ²) index

Copy capabilities

Maximum copy speed ¹	Up to 55 ppm (letter), 53 ppm (A4) simplex
Time to first copy ¹	Flatbed: as fast as 7.5 seconds ADF: as fast as 10.5 seconds
Multiple copies	1 – 999 (scans original only once); Copy countdown
Simplex/duplex copying	Standard: 1 to 1, 1 to 2, 2 to 1, 2 to 2
Reduce/enlarge	Variable zoom from 25% – 400%
Copy quality	Lighter or darker (adjust the copy output darkness) Edge Erase (eliminate marks around the edge of originals) Content (set the scanner mode for text, text/photo, photo or printed photo) Selectable image resolution (Increasing resolution increases the file size) Advanced imaging (background removal, contrast, and shadow detail)
Copy finishing	Advanced duplex (set binding for landscape or portrait input and output) Collation (electronically collates copy output) Separator page (between copy sets) Margin shift (provides a margin for hole punching or binding)

Scan capabilities²

Scan speed ¹	Up to 55 sides per minute (simplex)
Maximum scan size	8.5" x 14.0" (216 mm x 355 mm) from the flatbed or duplex scan from ADF
Maximum optical resolution	Mono and Color output resolution: Up to 600 x 600 dpi
Scan file formats	PDF, JPEG, TIFF and XPS
Scan features	Scan preview; Job Build from flatbed; Custom job from ADF and/or flatbed; Duplex scan; Create booklet; Variable zoom from 25% – 400%; USB and TWAIN drivers

INFOPRINT 1870 MFP SPECIFICATIONS

Item	Specifications
Models	1870 – duplex network (dnx) 1870 – duplex network, tray, and hard drive (dtx)
Printer specifications	
Functions	Mono print, mono copy, color/mono scan, and color/mono fax
Maximum speed ¹	Up to 55 ppm (letter), 53 ppm (A4) simplex
First page out time ¹	As fast as 9.5 seconds
Processor	600 MHz
Maximum monthly usage ³	Up to 275,000 pages
Print resolution ⁴	1200 x 1200 dpi, 2400 IQ, 1200 IQ, 600 x 600 dpi
Duplex printing	Standard
Memory (std/max)	256 MB/1280 MB
Hard drive	dnx - optional; 80+ GB dtx - standard; 80+ GB
Memory slots	1 open DIMM slot; 1 open flash memory slot and 1 open firmware slot 1 open ISP (INA) slot.
Printer attachments	
Standard	Ethernet 10/100Base TX, Rear USB 2.0 High Speed device port, Front panel USB 2.0 Full Speed host port (USB Direct Drive, scan and print)
Optional internal	IEEE 1284-B Parallel Card, RS-232C Serial Card Ethernet 1000Base TX
Optional external	Wireless 802.11g (1 USB port) Ethernet 10/100BaseTX (1 USB Port) Ethernet 1000BaseTX (4 USB port)
General specifications	
Copy/fax/scan Automatic Document Feeder (ADF)	Type: Single pass duplex ADF with c-path Capacity: 75 sheets (20 lb. or 75 g/m ² bond)
Console type	Customizable, 9" (229 mm) color touch screen and number keypad with control buttons
Supported environments ⁵	Microsoft® Windows® Server 2008, Server 2008 x64, Server 2003, Server 2003 x64, Vista, XP, XP x64, 2000, Me, 98, 95, NT® 4, Terminal Services; Citrix MetaFrame; UNIX®; Linux®; IBM AIX® Colon Files; Mac OS; Novell; Other: virtually any platform supporting TCP/IP.
Standard datastreams	XPS, PCL5 and 6/XL, Postscript 3, PPDS migration tool, PDF v1.6 emulation, HTML, DirectImage
Application solutions	Optional IPDS™ and barcode solutions are available.

INFOPRINT 1870 MFP SPECIFICATIONS

Fax capabilities

Maximum fax resolution	600 x 600 dpi (receive)
Modem speed ¹	33.6 Kbps (3 seconds per page)
Receive fax	Yes
Fax memory	Space remaining on the hard drive, less 1GB
Fax speed dials	Up to 1800 with the hard drive; up to 500 without the hard drive
Fax broadcast locations	Up to 400
Send hard copy fax	Flatbed or ADF
Send soft copy fax	Outbound fax is supported from some printer drivers
Memory (delayed) send	Set time and date for when current job is to be faxed
Fax auto redial	Yes
Fax forwarding	Yes
Block junk fax	Yes
Cost-saving and environmental features	Energy Star qualified Paper saver (N-up output) Standard duplex printing Toner darkness setting offers up to 50% toner savings from the factory default setting of 8 use and return program toner cartridges

Supply and maintenance items⁶

Toner yield ⁶	Ships with: 18,000 pages Aftermarket: 7,000 pages, 25,000 pages, 36,000 pages
Separator roll assembly	120,000 pages (or when the paper fails to feed properly from ADF)
Pick up assembly	120,000 pages (or when the paper double-feeds through the ADF)
White pressure pad	Lasts the life of the product (available in case the pad becomes damaged)
Maintenance kit	300,000 pages
Physical characteristics	4567-dnx: 21.6" x 24.1" x 28.7" (548 mm x 611 mm x 755 mm) (WxDxH); 100 lbs. (45.4 kg) 4567-dtx: 21.6" x 24.1" x 34.8" (548 mm x 611 mm x 885 mm) (WxDxH); 109 lbs. (49.5 kg)
Warranty North America	One year, 9x5 next-day on-site repair, Upgrades may be available.
Warranty Europe, Middle East, Africa and Asia Pacific	One year (unless country law dictates otherwise), 9x5 next-day on-site repair (upgrades may be available). Not available in all locations. Contact your local InfoPrint Solutions Company representative for local availability.

What's in the box

- 1870 all models:
- Printer
 - 18,000-page toner cartridge
 - Setup Sheets (Network and Local Attachment)
 - Software and Documentation CD
 - Power Cord
 - RJ-11 Phone Cable
 - RJ-11 Phone Adapter
 - Supplies Use and Return Flyer

INFOPRINT 1870 MFP PRINTER SUPPLIES AT A GLANCE		
Part number	Product description	Yield (Pages) ⁶
39V2967	Use and Return Program Toner Cartridge	7,000
39V2968	High Yield Toner Cartridge	25,000
39V2969	Use and Return Program High Yield Toner Cartridge	25,000
39V2971	Use and Return Program Extra High Yield Toner Cartridge	36,000
39V3589	ADF Maintenance Kit	120,000
39V3590	Maintenance Kit (LV: 110V)	300,000
39V3591	Maintenance Kit (HV: 220V)	300,000
39V3598	Pick Roll (2)	300,000
39V3599	Charge Roll	300,000
39V3600	Fuser (LV: 110V)	300,000
39V3601	Fuser (HV: 220V)	300,000
39V3602	Fuser with Detach Fingers (LV: 110V)	150,000
39V3603	Fuser with Detach Fingers (HV: 220V)	150,000
39V3604	Transfer Roll	300,000
ADF maintenance kit contents: separator roller, access cover pick/feed mechanism		
Maintenance kit contents: fuser, transfer roll, charge roll and 3 pick roll sets (2 rolls per set – a total of 6 rolls)		
Maintenance kits are customer installable.		

FOR MORE INFORMATION

Contact your InfoPrint Solutions Company representative or InfoPrint Solutions Partner or visit:

infoprint.com/workgroup

- ¹ Exact speed varies depending on document complexity, system configuration, software application, driver and printer state.
- ² See user documentation for specific media types, weights, and sizes that are supported.
- ³ InfoPrint Solutions Company does not recommend printing this monthly maximum on a consistent basis.
- ⁴ The Image Quality (IQ) enhancement, whether 1200 or 2400, is a special print mode designed to vary the intensity of each individual printed dot by manipulating its size to produce the appearance of greater print resolution within the limitation of a set number of dots per inch (dpi).
- ⁵ Not all versions are supported. Contact your sales representative for a detailed list of supported versions.
- ⁶ Assumes 5% coverage per page. Yields are provided for planning purposes and are not a guarantee of minimum life; actual yields may vary. Actual usage should be used to establish the life of the supply product in each end user's specific application. Many factors, such as print coverage per page, paper type and size, model type and environmental conditions can affect supply life. Declared yield value in accordance with ISO/IEC 19752.

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InfoPrint Solutions Company
6300 Diagonal Highway 002J
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U.S.A.

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