

Satisfy both production and walk-up requirements with high-speed, high-volume, multifunction, modular printers



IBM InfoPrint 2235



Capitalize on versatility: walk-up or production

Flexibility is the name of the game in business, especially if your goals include cost containment, downsizing or consolidation. The IBM InfoPrint 2235 cutsheet printer builds on the success of the predecessor cutsheet family, the InfoPrint 2090ES and InfoPrint 2105ES, and enhances your flexibility with a modular design and an array of standard and optional features. This next-generation printer is designed to provide the functionality that can help you optimize resources, lower operating costs and obtain rapid ROI.

The InfoPrint 2235 can operate as a centralized print solution with dedicated operators or as a departmental walk-up solution or both. It offers the ease of use associated with workgroup printers combined with the speed, performance and duty cycle of a production printer.

Highlights

- **Print up to 135 ppm¹ (letter/A4) with up to 8,050 sheet input capacity and in-line finishing, including a saddle stitch booklet maker**
- **Reduce your total cost of print by consolidating current print workloads onto a powerful IBM InfoPrint® 2235**
- **Ease integration in many environments with support for multiple data streams**
- **Advance the security of your information with multiple layers of control**
- **Simplify walk-up or operator use with a 10.4" (264 mm) Super VGA color touch screen display, multifunction capabilities and versatile editing functions**

A single output solution, equipped with multifunction (print, copy and scan-to) capabilities, workflow tools and versatile finishing choices, can help you achieve your operating objectives. Support for many popular data streams enables integration into multiple environments.

Simplify use for all skill levels

Ease of use is important to everyone—casual users or skilled operators—to save time and minimize help desk intervention. The InfoPrint 2235 includes several features that make it exceptionally user-friendly.

A 10.4" Super VGA color touch screen display includes large font sizes and an intuitive layout with a simplified display option for larger fonts and readability. Thumbnail views on the document server and delivery scanner allow you to verify your job before printing it.

Animated guidance screens are designed to direct users through paper jams, error correction and toner refills. Multifunction modes—print, copy, scan and document server—are dedicated keys. Sample copies are available at the touch of a button so users can proof and confirm the output before committing to a long run.

Maintain print job and data stream confidentiality

IBM offers multiple levels of security to control access to the device and to protect data that is sent to and stored on the device.

For example, end-user authentication can be achieved externally with systems like LDAP or Windows® or internally by authenticating users against credentials stored within the device itself.

An optional data overwrite security feature, which is designed to meet government standards for classified information, can automatically overwrite temporary data stored on the hard drive after every copy, print and scan job. Overwritten data is extremely difficult to reconstruct.

You can also encrypt scan-to-PDF documents during transmission and add passwords to inhibit interception. Users may choose either 40-bit or 128-bit encryption, and with appropriate user rights, they can make changes to documents.

Add capabilities as you need them

The InfoPrint 2235 offers an exceptional range of input/output choices, which enable custom configurations and

investment protection. You buy only what you need today but preserve flexibility for the future.

In addition to the 3,000-sheet standard paper supply and standard automatic duplexing, you can add supplemental paper trays (to a maximum capacity of 8,050 sheets). Finishing choices include the standard stapler, z-folder and saddle-stitch booklet maker. Add a seventh paper source or feed special stocks such as letterhead and postcards up to 80 lb. (216 g/m²) cover with the 500-sheet multi-bypass tray.

Expand your ability to build complex documents with the two-tray post-fuse cover interposer, which can feed pre-printed or color covers and insert anywhere into your finished documents. With these production-level capabilities at your fingertips, you can produce a wide variety of professional materials quickly and efficiently in-house rather than sending the jobs off-site for finishing.

Enhance reliability and durability

A configuration supported by reliability and durability can relieve production headaches and contribute to the bottom line. The InfoPrint 2235 includes a longer-lasting drum design, a duplex

inverter that can improve duplex performance and an optical multi-feed detection system that can improve job integrity.

In addition, IBM's world-renown service professionals are on call to provide fast, expert assistance.

Reduce the cost of communications with scan-to capability

Standard scan-to capabilities allow you to send information electronically and reduce or eliminate faxing, hardcopy shipping and messenger costs. Scan documents to e-mail, folders, URLs and NCP. Recipients can receive

information quickly and simultaneously, in monochrome or color. You can expedite communications, participation and decisions with original digital image quality.

Operate more efficiently with a comprehensive set of utilities

Bundled and optional utilities assist administrators and users during installation, configuration, operation and maintenance of the InfoPrint 2235. With a comprehensive set of software tools, you can manage devices via a Web browser, streamline workflow and implement document management

solutions. By using the included WebImageMonitor utility, administrators can monitor toner and paper levels, alter print queues, merge jobs and set-up e-mail error notifications.

Shift into a higher gear

The right printing solution can reduce cost and improve processes—two powerful advantages in a competitive business environment. The InfoPrint 2235 can provide you with the features and functionality you want today and grow with you to accommodate future requirements—in data centers, CRDs, service bureaus and direct mail centers.

InfoPrint 2235 at a glance

System Specifications

Models	InfoPrint 2235 (not all models available in all geographies)
Memory	160 GB x 2 (320 GB) hard drive; 512 MB RAM memory
Print language support	PCL 5e/PCL 6 (standard); PDF Direct Printing (standard); RPCS (Refined Printing Command Stream) (standard); Adobe® PostScript® 3™ (optional); LCDS/Metacode (via optional IBM print servers and transforms)
Resolution	300 x 300 dpi to 1200 x 1200 dpi depending on print language

Print speed (letter/A4)	Up to 135 ppm ¹
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Copy speed (letter/A4)	At ARDF 1-to-1: up to 80 ipm ² At memory retention (multi-copy): Up to 135 ipm ²
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Maximum monthly usage	Up to 1,900,000 images per month ³ (letter/A4)
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InfoPrint 2235 at a glance

Paper handling - 20 lb. (75 g/m²) bond

Duplex	Standard automatic, limitless
Standard input capacity (letter/A4)	3,000-sheets using standard input trays: Tray 1 (1,000 sheets x 2); Tray 2 (500 sheets); Tray 3 (500 sheets)
Standard output capacity (letter/A4)	Up to 3,500-sheet offset stack finisher with up to 100-sheet multi-position staple capacity: Proof tray 500 sheets; Shift tray 3,000 sheets
Maximum input capacity (letter/A4)	Up to 8,050 sheets using the standard 3000-sheet input capacity, 500-sheet multi-bypass tray and 4,550-sheet letter/A4 high capacity feeder
Maximum output capacity	Up to 3,500 sheet finisher (letter/A4) and 30 saddle stitched sets
Optional input devices	500-sheet multi-bypass tray Large paper size tray 1 kit: 1000 sheets 400-sheet (200 sheet x 2 trays) post fuse cover interposer Choose one of the following: — 4,550-sheet letter/A4 high capacity feeder: Tray 4: 1,000 sheets; Tray 5: 1,000 sheets; Tray 6: 2,550 sheets — 4,000-sheet ledger/A3 high capacity feeder: Tray 4: 1,000 sheets; Tray 5: 2,000 sheets; Tray 6: 1,000 sheets
Optional output devices	Hole punching is not supported on the InfoPrint 2235 Z-fold unit: — Supported media sizes: letter (A4), legal, ledger (A3) — Supported media weights: 20 lb. (75 g/m ²) bond Saddle stitch booklet finisher: capacity up to 30 sets of 15 sheet (60 page) booklets — Supported media sizes: 8.5" x 11" to 12" x 18" (216 x 279 mm to 305 x 458 mm) — Supported media weights: 20 to 24 lb. (75-90 g/m ²) bond

Printer media

Media sizes	Tray 1: 8.5" x 11" (216 x 279 mm) — With optional large paper size tray 1 kit: 8.5" x 11" to 11" x 17" (21 x 279 mm to 279 x 432 mm) Tray 2: 5.5" x 8.5" to 13" x 18" (140 x 216 mm to 330 x 458 mm) Tray 3: 5.5" x 8.5" to 13" x 18" (140 x 216 mm to 330 x 458 mm) Multi-bypass tray: 5.5" x 8.5" to 13" x 18" (140 x 216 mm to 330 x 458 mm) Letter/A4 high capacity feeder: — Tray 4, 5, 6: 5.5" x 8.5" to 8.5" x 11" (140 x 216 mm to 216 x 279 mm) Ledger/A3 high capacity feeder: — Tray 4, 5, 6: 5.5" x 8.5" to 13" x 18" (140 x 216 mm to 330 x 458 mm) Cover interposer: 5.5" x 8.5" to 13" x 18" (140 x 216 mm to 330 x 458 mm) Tabs: Trays 4, 5 and multi-bypass tray; Letter/A4; Up to 12-bank tab sets; Tab ejection to the finisher proof tray
Media weights	Tray 1, 2, 3: 16 lb. to 40 lb. (60-158 g/m ²) bond; 50 lb. to 80 lb. (135-216 g/m ²) cover; 90 lb. to 110 lb. (163-203 g/m ²) index Multi-bypass tray: 16 lb. bond to 80 lb. cover (60-216 g/m ²) Letter/A4 high capacity feeder: — Tray 4, 5: 16 lb. bond to 80 lb. cover (60-216 g/m ²) — Tray 6: 16 lb. bond to 90 lb. index (60-163 g/m ²) Ledger/A3 high capacity feeder: — Tray 4, 5, 6: 16 lb. bond to 80 lb. cover (60-216 g/m ²) Cover interposer: 20 lb. bond to 80 lb. cover (75-216 g/m ²)

InfoPrint 2235 at a glance

Communication protocols	TCP/IP, IPX/SPX, SMB, Ether Talk, AppleTalk, IPv6, SNMPV3, NetBIOS, NetBEUI
Interfaces	Standard: 10/100BaseTX Ethernet, USB 2.0; Optional: Gigabit Ethernet
Security	User authentication: Windows, LDAP, Basic, User code; Secure Socket Layer Support; Network Protocol On/Off; SNMP v3 Support; PDF Encryption; Driver Encryption Key (PCL/RPCS driver only); Copy Data Security Unit (optional feature); Data Overwrite Security Unit (optional feature)
Print drivers	PCL 5e/6 (standard): Windows Server® 2003, Windows NT® 4.0, Windows XP, 2000, Me, 98, 95 RPCS (standard): Windows Server 2003, Windows NT 4.0, Windows XP, 2000, Me, 98, 95 Adobe PostScript 3 (optional): Windows Server 2003, Windows NT 4.0, Windows XP, 2000, Me, 98, 95, MacOS, MacOS X
Software support*	PostScript and PCL: InfoPrint Manager for IBM AIX® 4.2 and Windows 2.2; InfoPrint ProcessDirector V1.2.1 (passthrough only)
Supported utilities	WebImageMonitor; SmartDeviceMonitor; DeskTopBinder Lite; Printer Utility for Mac; USB Printing Support; PDF Direct Printing (through DeskTopBinder Lite); Font Manager 2000
Scan capabilities	Type: reversing duplex ADF (automatic document feeder) Reduction/enlargement: 25% - 400% (1% increments) Tray capacity: 100 sheets Scanning speed: up to 80 ipm ² (@ 200 dpi color or black-and-white)
Physical characteristics	
Base configuration	65.7" x 33.9" x 58.1" (1,670 x 860 x 1,476 mm) (WxDxH); 836 lbs/380 kg (weight)
Maximum configuration	138.6" x 33.9" x 58.1" (3,520 x 860 x 1,476 mm) (WxDxH); 1,617 lbs/735 kg (weight)
Power requirements	North America: 208-240V, 20A, 50/60 Hz; Europe: 220-240V, 16A, 50/60 Hz
Environmental requirements	Temperature: 50 to 90°F (10 to 32°C); Humidity: 15% to 80% RH; Acoustics: 83 dbA (operating) and 78 dbA (idle)
Warranty	Worldwide warranty period will be 3 months unless country law dictates otherwise. Base warranty service level will be onsite repair. Warranty upgrades may be available. Please contact your IBM representative.

For more information

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Dept. Ht7/002N
P.O. Box 1900
Boulder, CO 80301-9191

March 2007
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