

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



IBM Infoprint 2190 and Infoprint 2210



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 Infoprint 2190 and Infoprint 2210 cutsheet printers build on the success of their predecessors, the Infoprint 2090ES and Infoprint 2105ES, and enhance your flexibility with a modular design and an array of standard and optional features. These next-generation printers are designed to provide the functionality that can help you optimize resources, lower operating costs and obtain rapid ROI.

Highlights

- **Print up to 90 (IBM Infoprint® 2190) and 110 (Infoprint 2210) ppm¹ (letter/A4) with up to 8,050 sheet input capacity and in-line finishing, including a saddle stitch booklet maker**
- **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**
- **Reduce your total cost of print by consolidating current print workloads onto a powerful Infoprint 2190 or 2210**
- **Ease integration in many environments with support for multiple data streams, including native IBM IPDS™**

The Infoprint 2190 and Infoprint 2210 can operate as a centralized print solution with dedicated operators or as a departmental walk-up solution or both. They offer the ease of use associated with workgroup printers combined with the high speed, high performance and high duty cycle of production printers. 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.

Pick up the pace with high-performance features

In data centers or departments with high-volume requirements, your printer's performance can make or break your day. The Infoprint 2190 and Infoprint 2210 are designed to sustain a fast pace and to complete diverse jobs efficiently.

Support for many popular data streams, including IBM's Intelligent Printer Data Stream™ (IPDS), enables integration into multiple environments.

IPDS can provide seamless integration into host-based workflow, and its page-level error recovery capabilities help you retain integrity in mission-critical applications.

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.

Add capabilities as you need them

The Infoprint 2190 and Infoprint 2210 offer 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, hole punch, 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

High speed and high volume supported by reliability and durability can relieve production headaches and contribute to the bottom line. The Infoprint 2190 and Infoprint 2210 include 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.

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 2190 and Infoprint 2210 can provide you with the horsepower and functionality you want today and grow with you to accommodate future requirements—in data centers, CRDs, service bureaus and direct mail centers.

Infoprint 2190/Infoprint 2210 at a glance

System Specifications

Models	Infoprint 2190; Infoprint 2210 (not all models available in all geographies)
Memory	160GB x 2 (320GB) hard drive; 512MB RAM memory
Print language support	PCL 5e/PCL 6 (standard); PDF Direct Printing (standard); RPCS (Refined Printing Command Stream) (standard); Adobe® PostScript® 3™ (optional); IPDS (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) Infoprint 2190/2210: up to 90/110 ppm¹

Copy speed (letter/A4) At ARDF 1-to-1: up to 80 ipm²
At memory retention (multi-copy): Infoprint 2190/2210: up to 90/110 ipm²

Maximum monthly usage Infoprint 2190/2210: Up to 1,200,000/1,500,000 images per month³ (letter/A4)

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	2/3 or 2/4 or 4-hole punch unit (choose one): — Supported media weights: 16 lb. (60 g/m ²) bond to 90 lb. (163 g/m ²) index Z-fold unit (not supported via IPDS): — 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

Infoprint 2190/Infoprint 2210 at a glance

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)

Communication protocols	TCP/IP, IPX/SPX, SMB, Ether Talk, AppleTalk, IPv6, SNMPV3, NetBIOS, NetBEUI
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Interfaces	Standard: 10/100BaseTX Ethernet, USB 2.0; Optional: Gigabit Ethernet
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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)
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Print drivers	PCL 5e/6 (standard): Windows Server™ 2003, XP, 2000, Me, 98, 95, NT 4.0 RPCS (standard): Windows Server 2003, XP, 2000, Me, 98, 95, NT 4.0 Adobe PostScript 3 (optional): Windows Server 2003, XP, 2000, Me, 98, 95, NT 4.0, MacOS, MacOS X
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Software support*	PostScript and PCL: Infoprint Manager for IBM AIX® 4.2 and Windows 2.2; Infoprint ProcessDirector V1.2.1 (passthrough only) IPDS: Infoprint Manager for AIX 4.2 and Windows 2.2; Infoprint ProcessDirector V1.2.1; PSF for z/OS 3.4 and above; PSF/400 V5R2 and above; PSF/VM 2.1.1 (no finishing support); PSF/VSE 2.1.1 (no finishing support)
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Infoprint 2190/Infoprint 2210 at a glance

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 ipm² (@ 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: Infoprint 2190/2210 78/89 dbA (operating) and 64/70 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

To learn more about the IBM Infoprint 2190 and Infoprint 2210, call 1-800-IBM-4-YOU (426-4968) or visit: ibm.com/printers/2190

For more information

Contact your IBM representative or IBM Business Partner or visit:

ibm.com/printers/2190



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- ² Exact scan speed varies depending on the document attributes, system configuration and user select settings.
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