imageRUNNER ADVANCE DX 8900 Series

Black-and-white High-volume Multifunction

Print up to 105 ppm (BW)

Scan up to 270/270 ipm (300 dpi) (BW/colour, duplex)

Print up to 13" × 19"

8,020-sheet maximum paper capacity

Canon's comprehensive portfolio of imageRUNNER ADVANCE multifunction printers and integrated solutions can help **simplify** the end user experience and management of technology, better **control** sensitive information and print-related costs, and help ensure that technology investments proactively **evolve** with changing needs.

WORKFLOW EFFICIENCY

- 10.1" intuitive touchscreen with smartphone-like usability.

- A unique, customized experience that can be tailored to individual preferences using My ADVANCE.

- Supports mobile solutions and integration with many popular cloud services like Google Drive.[1]

- Scan and convert documents to searchable digital files in a variety of file formats.

- Integration with Canon and various third-party software with embedded application platform.

- Hot Folders allow users to drag and drop a file into a hot folder, and automatically print with pre-defined settings such as number of copies and finishing requirements.

SECURITY

- Advanced standard security feature set that's consistent across the entire imageRUNNER ADVANCE DX platform.

- Integrates with existing, third-party SIEM[2] systems to help provide real-time, comprehensive insights into potential threats to the network and printers.

- Technology to verify that the device boot process, firmware, and applications initialize without alteration at setup. Includes automatic recovery of boot process for self resiliency.

- McAfee Embedded Control[3] utilizes whitelisting to help protect against malware and tampering of firmware and applications.

- Security settings can be controlled with a single touch via Canon's Recommended Security Settings. Configure security policy settings from a central location, and export to other supported devices.

- Control access to the device and specific features using a host of flexible authentication methods—PIN code, user name/password, or card access.[4]

QUALITY AND RELIABILITY

- Canon's signature reliability and engine technologies help keep productivity high and minimize the impact on support resources.

- Outstanding imaging technologies and toner allow for crisp text and consistent images in rich black-and-white tones.

- Designed to achieve maximum uptime with status notifications to help keep supplies replenished and intuitive maintenance videos for consumables replacement.

- imageRUNNER ADVANCE DX models have received many awards and recognition from leading industry analysts, often referencing strong reliability.

* Security Information and Event Management

DEVICE AND FLEET MANAGEMENT

- Designed for quick, easy deployment.
- Remote diagnostics and parts life management for proactive maintenance and rapid fixes.
- Easy and intuitive to monitor device status and consumable levels, turn off devices remotely, observe meter readings, manage settings, and implement security policies.
- Common firmware and regular updates with Unified Firmware Platform (UFP) for continuous improvements and consistency across a fleet.
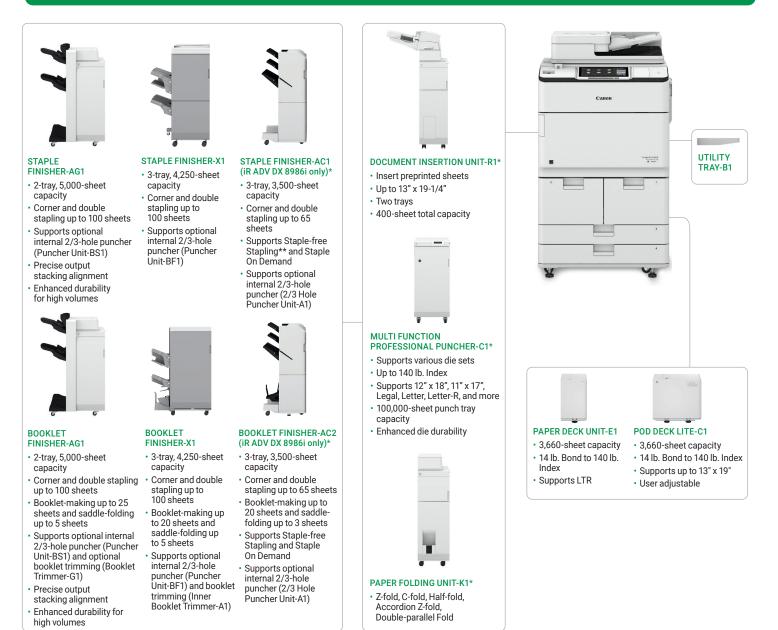
COST MANAGEMENT

- Track and assess print, copy, scan, and fax usage and allocate costs to departments or projects.
- Apply print policies and restrict usage by user to help reduce unnecessary printing and contribute to cost efficiency.
- Standard cloud-based solution provides a centralized dashboard with up-to-the-minute insights into printer activity.
- Upgrade to uniFLOW server or cloud-based solutions for full accounting and reporting for compatible Canon and third-party devices, pull printing, job routing, and powerful scan workflows.

SUSTAINABILITY

- A combination of fusing technologies and low-melting-point toner minimizes power requirements and helps achieve low energy consumption.
- Encourage environmentally conscious work practices by enabling multiple settings that can help save paper and energy.
- ENERGY STAR® certified

CONFIGURATION OPTIONS

STAPLE FINISHER-AG1
- 2-tray, 5,000-sheet capacity
- Corner and double stapling up to 100 sheets
- Supports optional internal 2/3-hole puncher (Puncher Unit-BS1)
- Precise output stacking alignment
- Enhanced durability for high volumes

STAPLE FINISHER-X1
- 3-tray, 4,250-sheet capacity
- Corner and double stapling up to 100 sheets
- Supports optional internal 2/3-hole puncher (Puncher Unit-BF1)

STAPLE FINISHER-AC1 (iR ADV DX 8986i only)*
- 3-tray, 3,500-sheet capacity
- Corner and double stapling up to 65 sheets
- Supports Staple-free Stapling** and Staple On Demand
- Supports optional internal 2/3-hole puncher (2/3 Hole Puncher Unit-A1)

DOCUMENT INSERTION UNIT-R1*
- Insert preprinted sheets
- Up to 13" x 19-1/4"
- Two trays
- 400-sheet total capacity

BOOKLET FINISHER-AG1
- 2-tray, 5,000-sheet capacity
- Corner and double stapling up to 100 sheets
- Booklet-making up to 25 sheets and saddle-folding up to 5 sheets
- Supports optional internal 2/3-hole puncher (Puncher Unit-BS1) and optional booklet trimming (Booklet Trimmer-G1)
- Precise output stacking alignment
- Enhanced durability for high volumes

BOOKLET FINISHER-X1
- 3-tray, 4,250-sheet capacity
- Corner and double stapling up to 100 sheets
- Booklet-making up to 20 sheets and saddle-folding up to 5 sheets
- Supports optional internal 2/3-hole puncher (Puncher Unit-BF1) and booklet trimming (Inner Booklet Trimmer-A1)

BOOKLET FINISHER-AC2 (iR ADV DX 8986i only)*
- 3-tray, 3,500-sheet capacity
- Corner and double stapling up to 65 sheets
- Booklet-making up to 20 sheets and saddle-folding up to 3 sheets
- Supports Staple-free Stapling and Staple On Demand
- Supports optional internal 2/3-hole puncher (2/3 Hole Puncher Unit-A1)

MULTI FUNCTION PROFESSIONAL PUNCHER-C1*
- Supports various die sets
- Up to 140 lb. Index
- Supports 12" x 18", 11" x 17", Legal, Letter, Letter-R, and more
- 100,000-sheet punch tray capacity
- Enhanced die durability

PAPER FOLDING UNIT-K1*
- Z-fold, C-fold, Half-fold, Accordion Z-fold, Double-parallel Fold

UTILITY TRAY-B1

PAPER DECK UNIT-E1
- 3,660-sheet capacity
- 14 lb. Bond to 140 lb. Index
- Supports LTR

POD DECK LITE-C1
- 3,660-sheet capacity
- 14 lb. Bond to 140 lb. Index
- Supports up to 13" x 19"
- User adjustable

* Staple Finisher-AC1 and Booklet Finisher-AC2 are not compatible with Document Insertion Unit-R1, Multi Function Professional Puncher-C1, and Paper Folding Unit-K1.
** Staple-free stapling, up to five pages of 17 lb. Bond.

Main Unit

Type
Monochrome Laser Multifunctional

Core Functions
Standard: Print, Copy, Scan, Send, Store
Optional: Fax

Processor
1.8 GHz Dual Core Processor

Control Panel
Standard: 10.1" TFT LCD WSVGA colour Flat-panel
Optional: 10.4" TFT LCD SVGA colour Upright-panel

Memory
4.0 GB RAM

Solid State Drive
Standard: 256 GB
Maximum: 1 TB
Mirroring: Optional

Interface Connection
Network: 1000Base-T/100Base-TX/10Base-T

Optional: Wireless LAN (IEEE 802.11 b/g/n)
Others
 Standard: USB 2.0 (Host) x1, USB 3.0 (Host) x1, USB 2.0 (Device) x1
 Optional: Copy Control Interface

Paper Capacity (LTR, 20 lb. Bond)
Standard: 4,360 Sheets
Maximum: 8,020 Sheets

Paper Output Capacity (LTR, 20 lb. Bond)
With Copy Tray: 250 Sheets
With External Finishers: 5,000 Sheets (with Staple Finisher-AG1 or Booklet Finisher-AG1)

Finishing Capabilities
With Options: Collate, Group, Offset, Staple, Saddle-Stitch, Hole Punch, Eco Staple, Staple On Demand, Document Insertion, Z-fold, Halffold, C-fold, Accordion-Z fold, Double Parallel-fold, Trimming

Supported Media Types
Multi-purpose Tray: Thin, Plain, Recycled, colour, Heavy, Tracing,[6] Bond, Transparency, Labels, Pre-punched, Letterhead, Tab
 Paper Decks: Thin, Plain, Recycled, colour, Heavy, Bond, Pre-punched, Letterhead
Paper Cassettes: Thin, Plain, Recycled, colour, Heavy, Bond, Pre-punched, Letterhead, Tab[7]

Supported Media Sizes
Multi-purpose Tray: 13" x 19", 12" x 18", 11" x 17", Legal, Letter, Letter-R, Executive, Statement-R Custom Size/Free Size (4" x 5-7/8" to 13" x 19-1/4")
Paper Decks: Letter
Paper Cassettes: 13" x 19", 12" x 18", 11" x 17", Legal, Letter, Letter-R, Executive, Statement-R, Custom Size (5-1/2" x 7-1/8" to 13" x 19-1/4")

Supported Media Weights
Paper Decks/Cassettes: 14 lb. Bond to 80 lb. Cover (52 to 220 g/m²)
Multi-purpose Tray: 14 lb. Bond to 140 lb. Index (52 to 256 g/m²)
Duplexing: 14 lb. Bond to 80 lb. Cover (52 to 220 g/m²)

Print/Copy Speed

8905i:	Up to 105 ppm (Letter)
	Up to 81 ppm (Letter-R)
	Up to 63 ppm (Legal)
	Up to 53 ppm (11" x 17")
8995i:	Up to 95 ppm (Letter)
	Up to 73 ppm (Letter-R)
	Up to 60 ppm (Legal)
	Up to 49 ppm (11" x 17")
8986i:	Up to 86 ppm (Letter)
	Up to 67 ppm (Letter-R)
	Up to 57 ppm (Legal)
	Up to 43 ppm (11" x 17")

Warm-up Time
From Power On: Approx. 60 Seconds[8]
From Sleep Mode: Approx. 60 Seconds[9]

Quick Startup Mode: 4 Seconds or less[10]

Dimensions (W x D x H)
Standard: 26-3/8" x 30-3/8" x 46-5/8" (670 mm x 770 mm x 1,185 mm)
With Optional Upright Touch-panel: 46-1/8" x 30-3/8" x 49-1/4" (1,170 mm x 770 mm x 1,252 mm)

Installation Space (W x D)
Basic: 60-3/8" x 53-1/4" (1,533 x 1,353 mm)[11]
Fully Configured: 199-1/2" x 55-1/2" (5,068 x 1,409 mm)[12]

Weight
Standard: Approx. 487.2 lb. (221 kg)[13]
With Optional Upright Touch-panel: Approx. 496.0 lb. (225 kg)[13]

Print Specifications

Print Resolution (dpi)
1200 x 1200

Standard Page Description Languages
UFR II, PCL®6, Adobe® PS® 3

Supported File Types
PDF, TIFF, JPEG, EPS,[14] XPS

Printing from Mobile Devices and Cloud-based Services
A range of standard and optional software and MEAP-based solutions (including AirPrint, Mopria, Universal Print by Microsoft®, Canon PRINT Business, and uniFLOW Online) are available to provide printing from mobile devices or internet-connected devices and cloud-based services depending on your requirements. Please contact your sales representative for further information.

Fonts
PCL: 93 Roman, 10 Bitmap fonts, 2 OCR fonts, Andalé Mono WT J/K/S/T (Japanese, Korean, Simplified and Traditional Chinese),[15] Barcode fonts[16]
PS: 136 Roman

Operating System[17]
UFRII/PS: Windows®10/11/Server 2012/Server 2012 R2/Server 2016/Server 2019/Server 2022, MAC OS X (10.13 or later)
PCL: Windows®10/11/Server 2012/Server 2012 R2/Server 2016/Server 2019/Server 2022, MAC OS X (10.13 or later)
PS: Windows®10/11/Server 2012/Server 2012 R2/Server 2016/Server 2019/Server 2022, MAC OS X (10.13 or later)
PPD: Windows®10/11, MAC OS X (10.13 or later)

Copy Specifications

First-Copy-Out Time
As Fast as 2.7 Seconds

Copy Resolution (dpi)
600 x 600

Multiple Copies
Up to 9,999 Copies

Magnification
25%-400% (1% Increments)

Preset Reduction/Enlargement
25%, 50%, 64%, 73%, 78% 100% (1:1), 121%, 129%, 200%, 400%

Scan Specifications

Type
Single-pass Duplexing Automatic Document Feeder

Document Feeder Paper Capacity
Up to 200 Sheets (20 lb. Bond)

Document Feeder Supported Media Sizes
11" x 17", Legal, Letter, Letter-R, Statement, Statement-R, Custom Size [2-3/4" x 5-1/2" to 12" x 17" (70.0 mm x 139.7 mm to 304.8 mm x 431.8 mm)]

Document Feeder Supported Media Weights
Single-sided Scanning: 13 lb. Bond to 80 lb. Cover (50 to 220 g/m²)
Double-sided Scanning: 13 lb. Bond to 80 lb. Cover (50 to 220 g/m²)

Platen Acceptable Originals
Sheet, Book, 3-Dimensional Objects

Platen Max. Scanning Size
Up to 11-3/4" x 17" (297 mm x 431.8 mm)

Pull Scan
Colour Network ScanGear2 for both Twain and WIA
Supported OS: Windows®10/11/Server 2012/Server 2012 R2/Server 2016/Server 2019/Server 2022

Scan Resolution (dpi)
Scan for Send: (Push) 600 x 600 (SMB/FTP/WebDAV/IFAX), (Pull) 600 x 600
Scan for Copy: 600 x 600
Scan for Fax: 600 x 600

Scan to Mobile Devices and Cloud-based Services A range of solutions is available to provide scanning to mobile devices or and cloud-based services depending on your requirements.

Scan Speed (Letter)
Single-sided Scanning
BW/colour: 135/135 (300 dpi), 135/80 (600 dpi)
Double-sided Scanning
BW/colour: 270/270 (300 dpi), 165/90 (600 dpi)

Send Specifications

Destination
Email/Internet Fax (SMTP), SMB, FTP, WebDAV, Mail Box, Super G3 Fax (Optional), IP Fax (Optional)

Address Book
LDAP (2,000)/Local (1,600)/Speed dial (200)

Communication Protocol
File: FTP (TCP/IP), SMB 3.1.1 (TCP/IP), WebDAV
Email: SMTP, POP3

File Format
TIFF, JPEG, PDF(Compact, Searchable, Apply policy, Optimize for Web, PDF/A-1b, Trace & Smooth, Encrypted, Device Signature, User Signature), XPS(Compact, Searchable, Device Signature, User Signature), Office Open XML (PowerPoint, Word)

Fax Specifications (Optional)

Maximum Number of Connection Lines
4

Modem Speed
Super G3: 33.6 Kbps
G3: 14.4 Kbps

Compression Method
MH, MR, MMR, JBIG

Resolution (dpi)
400 x 400, 200 x 400, 200 x 200, 200 x 100

Sending/Recording Size
Statement-R to 11" x 17"

Fax Memory
Up to 30,000 Pages (2,000 Jobs)

Speed Dials
Max. 200

Group Dials/Destinations
Max. 199 Dials

Sequential Broadcast
Max. 256 Addresses

Memory Backup
Yes

Store Specifications

Mail Box (Number Supported)
100 User In-boxes, 1 Memory RX In-box, 50 Confidential Fax In-boxes, Up to 30,000 Pages (2,000 Jobs) Stored

Advanced Box
Communication
Protocol: SMB or WebDAV
Supported
Client PC: Windows (Windows 10/11)
Concurrent Connections (Max.):
   SMB: 64
   WebDAV: 3

Advanced Box Available Disc Space
Approx. 16 GB (Standard)
Approx. 480 GB (Optional)

Security Specifications

Authentication and Access Control
User Authentication (Picture Login, Picture and PIN Login, Card Login, Username and Password Login, Function Level Login, Mobile Login), Department ID Authentication (Deperment ID and PIN Login, Function Level Login), uniFLOW Online Express[18] (PIN Login, Picture Login, Picture and PIN Login, Card Login, Card and PIN Login, Username and Password Login, Department ID and PIN Login, Function Level Login), Access Management System (Access Control)

Document Security
Print Security (Secure Print, Encripted Secure Print, Forced Hold Printing, uniFLOW Secure Print[21]), Receive Data Security (Confidential Fax Inbox Forwarding Received Documents Automatically), Scan Security (Encrypted PDF, Device Signature PDF/XPS, User Signature PDF/XPS, Adobe LiveCycle® Rights Management ES2.5 Integration), BOX Security (Mail Box Password Protected, Advanced Box Access Control), Send Data Security (Setting for requesting password input per transmission, Restricted E-mail/File send functions, Confirming FAX number, Allow/Restrict Fax Driver Transmissions, Allow/Restrict Sending from History, S/MIME Support), Document Tracking (Secure Watermark)

Network Security
TLS 1.3, IPSec, IEEE802.1X authentication, SNMP V3.0, Firewall Functionality (IP/MAC Address Filtering), Dual Network Support (Wired LAN/Wireless LAN, Wired LAN/Wired LAN), Disabling Unused Functions (Enabling/Disabling Protocols/Applications, Enabling/Disabling Remote UI, Enabling/Disabling USB Interface), G3 FAX separation from LAN, USB Port separation from LAN, Prohibit the execution of files stored in Advanced Box in the MFP, Scan and Send -Virus Concerns for E-mail Reception

Device Security
Protecting SSD Data (SSD Data Encryption (FIPS 140-3, pending validation), SSD Lock), Standard SSD Initialize, Trusted Platform Module (TPM), Job Log Conceal Function, Protecting MFD Software Integrity, Checking MFD Software Integrity (Verify System at Startup[3], Automatic Recovery, Runtime Intrusion Detection), Common Criteria Certification (HCD-PP)(pending confirmation)

Device Management and Auditing
Administrator Password, Digital Certificate And Key Management, Audit Log, Cooperating with External Security Audit System (Security Information and Event Management), Image Data Logging, Security Policy Setting

Environmental Specifications

Operating Environment
Temperature: 50 to 86 ºF
Humidity: 20 to 80 % RH (Relative Humidity)

Power Requirements
110-127V, 60 Hz, 16A

Power Consumption
Maximum: Approx. 2,032 W
Sleep Mode: Approx. 0.9 W or less[19]
Professional Imaging Product Production Energy[20]
  8905i: .28 Wh/image
  8995i: .28 Wh/image
  8986i: .29 Wh/image

Standards
ENERGY STAR® Certified

Consumables

Toner
GPR-37 Black Toner
Toner Yield (Estimated @ 6% Coverage)
70,000 Pages

[1] Subscription to a third-party cloud service required. Subject to third-party cloud service provider's Terms and Conditions.

[2] Third-party SIEM system required. Subject to third-party SIEM system's Terms and Conditions. Canon cannot ensure compatibility with all third-party SIEM systems. [15]

[3] This feature is off by default and must be turned on by the user. Warm-up times are affected once turned on.

[4] Requires additional option.

[5] Some types of tracing paper cannot be used.

[6] Tab Feeding Attachment-B1 is required.

[7] Time from device power-on until copy ready (not print reservation).

[8] Time from exiting Sleep mode to when printing is operational.

[9] Time from device power-on to when the copy icon appears and is enabled to operate on the touch panel display.

[10] With Multi-purpose Tray/upper-right cover open + Front cover open + Copy Tray.

[11] With POD Deck Lite-C1 + Document Insertion Unit-R1 + Multi Function Professional Puncher-C1 + Paper Folding Unit-K1 + Booklet Finisher-AG1 + Booklet Trimmer-G1 + Main unit front cover open.

[12] Including the toner bottle.

[13] EPS can be printed directly only from the Remote User Interface. [15] Requires the optional PCL International Font Set-A1.

[14] Requires optional Barcode Printing Kit-D1.

[15] Other operating systems and environments, including AS/400, UNIX, Linux, and Citrix may be supported. Some of these solutions are chargeable. SAP Device Types are available via the SAP Market Place. For more information, contact your sales representative.

[16] No charge for this solution; however, activation is required.

[17] 0.9 W Sleep mode may not be possible in all circumstances due to certain settings.

[18] Based on ENERGY STAR Product Specification for Imaging Equipment Version 3.0.

[19] Requires uniFLOW Online/uniFLOW.

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