

imageRUNNER ADVANCE DX 6980i

Black-and-white
Mid- to High-volume
Multifunction



Print up to 80 ppm (BW)
Scan up to 270/270 ipm (300 dpi) (BW/colour duplex) Print up to 11" × 17"
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 SIEM² 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 Control³ 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 models have received many awards and recognition from leading industry analysts, often referencing strong reliability.



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.

CONFIGURATION OPTIONS



STAPLE FINISHER-AC1

- 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)



BOOKLET FINISHER-AC2

- 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)



DOCUMENT INSERTION/ FOLDING UNIT-J1

- Insert pre-printed sheets
- Up to 11" x 17"
- 1-tray, 100-sheet capacity
- Z-fold, C-fold



DOCUMENT INSERTION UNIT-P1

- Insert pre-printed sheets
- Up to 11" x 17"
- 1-tray, 100-sheet capacity

COPY TRAY-R2



UTILITY TRAY-B1

POD DECK LITE-C1

- 3,660-sheet capacity
- 14 lb. Bond to 140 lb. Index
- Supports up to 11" x 17"
- User adjustable

PAPER DECK UNIT-E1

- 3,660-sheet capacity
- 14 lb. Bond to 140 lb. Index
- Supports LTR

* Staple-free stapling, up to five pages of 17 lb. Bond.

SPECIFICATIONS

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 Touch-panel
Optional: 10.4" TFT LCD SVGA colour Upright Touch-panel

Memory

4.0 GB RAM

Solid State Drive

Standard: 256 GB
Maximum: 1 TB
Mirroring: Optional

Interface Connection

Network
Standard: 1000Base-T/100Base-TX/10Base-T
Optional: Wireless LAN (IEEE 802.11 b/g/n)
Others
Standard: USB 2.0 x1 (Host), USB 3.0 x1 (Host),
USB 2.0 x1 (Device)
Optional: Copy Control Interface

Paper Capacity (LTR, 20 lb. Bond)

Standard: 4,360 Sheets
Maximum: 8,020 Sheets

Paper Sources (LTR, 20 lb. Bond)

Standard: Dual 1,560-sheet Paper Drawers, Dual
570-sheet Paper Cassettes, 100-sheet
Multipurpose Tray
Optional: 3,660-sheet Paper Deck
(Paper Deck Unit-E1 or POD Deck Lite-C1)

Paper Output Capacity (LTR, 20 lb. Bond)

With Copy Tray: 250 Sheets
With External Finishers: 3,500 Sheets (with Staple Finisher-AC1 or
Booklet Finisher-AC2)

Finishing Capabilities

With External Finishers: Collate, Group, Offset, Staple,
Saddle-Stitch, Hole Punch, Eco Staple,
Staple On Demand, Document Insertion,
Z-fold, C-fold

Supported Media Types

Paper: Thin, Plain, Recycled, colour, Heavy, Bond,
Cassettes: Pre-punched, Letterhead, Tab⁵
Multipurpose Tray: Thin, Plain, Recycled, colour, Heavy,
Tracing,⁶ Bond, Transparency, Label,
Pre-punched, Letterhead, Tab
Paper Decks: Thin, Plain, Recycled, colour, Heavy,
Pre-punched, Letterhead, Bond,
Transparency, Labels, Tab

Supported Media Sizes

Multipurpose Tray: 11" x 17", Legal, Letter, Letter-R, Executive,
Statement-R, Custom Size/Free Size
(4" x 5-7/8" to 11-3/4" x 19-1/4")
Paper Decks: Letter
Paper Cassettes: 11" x 17", Legal, Letter, Letter-R, Executive,
Statement-R, Custom size (5-1/2" x 7-1/8"
to 11-3/4" x 19-1/4")

Supported Media Weights

Paper Decks: 14 lb. Bond to 80 lb. Cover (52 to 220 g/m²)
Paper Cassettes: 14 lb. Bond to 80 lb. Cover (52 to 220 g/m²)
Multipurpose 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

6980i: Up to 80 ppm (Letter)
Up to 61 ppm (Letter-R)
Up to 48 ppm (Legal)
Up to 40 ppm (11" x 17")

Warm-up Time

From Power On: Approx. 30 Seconds⁷
From Sleep Mode: Approx. 30 Seconds⁹
Quick Startup Mode: Approx. 4 Seconds⁹

Dimensions (W x D x H)

26-3/8" x 30-3/8" x 46-5/8" (670 x 770 x 1,185 mm)

Installation Space (W x D)

Basic: 60-3/8" x 53-1/4" (1,533 mm x 1,353 mm)
(with Multi-purpose Tray/upper-right cover
open + front cover open + Copy Tray)
Fully Configured: 95-7/8" x 53-1/4" (2,436 mm x 1,353 mm)
(with POD Deck Lite-C1 + Document
Insertion/Folding Unit-J1 + Booklet
Finisher-AC2/Staple Finisher-AC1 + Main
unit front cover open)

Weight

Approx. 491.6 lb. (223 kg)¹⁰

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,¹¹ XPS

Printing from Mobile and Cloud

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),¹² Barcode Fonts¹³
PS: 136 Roman

Operating System¹⁴

UFR II/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 (Letter)

6980i: As fast as 3.1 seconds

Copy Resolution (dpi)

600 x 600

Multiple Copies

Up to 9,999 Copies

Magnification

25%-400% (1% Increments)

Preset Reductions/Enlargements

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"

Document Feeder Supported Media Weights

Single-sided/Double-sided scanning:
13.3 lb. Bond to 80 lb. Cover (50 to 220 gsm)

Platen Acceptable Originals

Sheet, Book, 3-Dimensional Objects
Max. Platen
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 Copy: 600 x 600
Scan for Send: (Push) 600 x 600 (SMB/FTP/WebDAV/
IFAX), (Pull) 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 and cloud-based services depending on your requirements.

Scan Speed (Letter)

Single-sided Scanning
BW/colour: 135 (300 dpi)/80 (600 dpi)
Double-sided Scanning
BW/colour: 270 (300 dpi)/160 (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)

Send Resolution (dpi)

Push: Up to 600 x 600
Pull: Up to 600 x 600

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)

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, Maximum 30,000 Pages (2,000 jobs) Stored

Advanced Box

Communication SMB or WebDAV

Protocol:

Supported Windows (Windows 10/11)

Client PC:

Concurrent Connections (Max.):

SMB: 64

WebDAV: 3 (Active Sessions)

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 (Department ID and PIN Login, Function Level Login), uniFLOW Online Express¹⁵ (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, Encrypted Secure Print, Forced Hold Printing, uniFLOW Secure Print¹⁹), 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), Communication Line Separation (G3 FAX, USB Port, Advanced Box, 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 Startup³, 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 °F

Humidity: 20 to 80 % RH (Relative Humidity)

Power Requirements

110-127 V AC, 60 Hz, 16 A

Power Consumption

Maximum: Approx. 2,032 W

Sleep Mode: 0.9 W¹⁶

Typical Electricity Consumption (TEC) Rating:¹⁷ 1.56 kWh

Standards

ENERGY STAR[®] Certified

Consumables

Toner

GPR-38 Black Toner

Toner Yield (Estimated @ 6% Coverage)

56,000 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.

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 Tab Feeding Attachment-B1 is required.

⁶ Some types of tracing paper cannot be used.

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 Including ADF, optional Upright Touch Panel and the toner bottle.

¹¹ EPS can be printed directly only from the Remote User Interface.

¹² Requires the optional PCL International Font Set-A1.

¹³ Requires the optional Barcode Printer Kit-D1.

¹⁴ 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.

¹⁵ No charge for this solution; however, activation is required.

¹⁶ 0.9 W Sleep mode not available in all circumstances due to certain settings.

¹⁷ Based on ENERGY STAR Product Specification for Imaging Equipment Version 3.0.

¹⁸ Requires uniFLOW Online/uniFLOW.



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