

imageRUNNER ADVANCE DX 4900 Series

Black-and-white
Mid-volume
Multifunction

Print up to 45 ppm (BW)

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

Print up to 12" × 18"

3,650-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 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 predefined settings such as number of copies and finishing requirements.



SECURITY

- Integrates with existing, third-party SIEM^{*2} systems to help provide real-time, comprehensive insights into potential threats to the network and printers.
- Automatic recovery of the boot process if it was attacked or compromised. Meets industry guidelines for system self resiliency (NIST SP800-193).
- McAfee Embedded Control³ utilizes whitelisting to help protect against malware and tampering of firmware and applications. Intrusion and tampering attempts are now visible on the LUI through a status control screen.
- 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.



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.

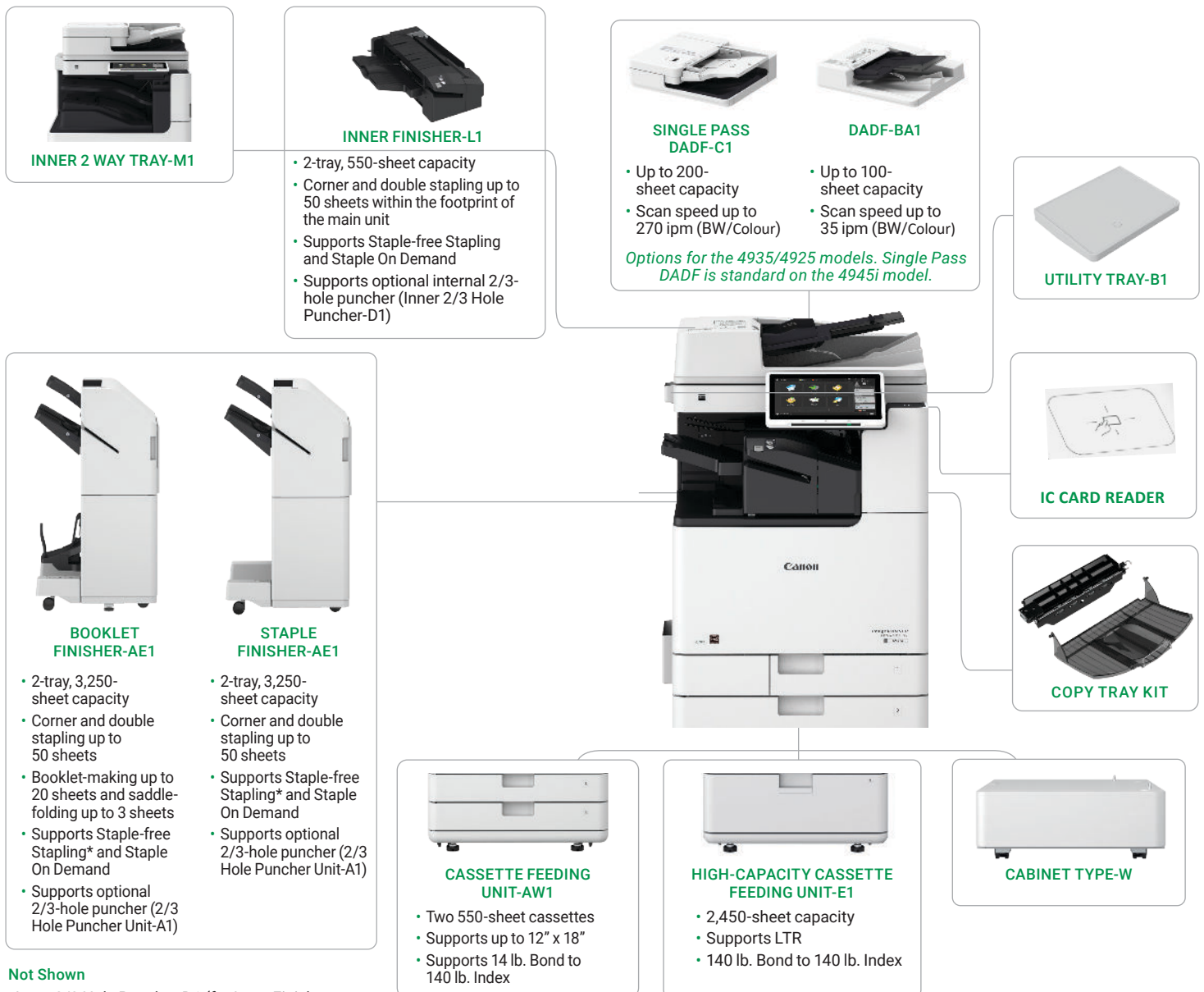


SUSTAINABILITY

- A combination of fusing technologies and lower-melting-point toner minimizes power requirements and helps achieve low energy consumption.
- Environmentally friendly packaging utilizes 100% recyclable cardboard.
- Drum covers are now constructed of regrind plastic, lowering environmental impact.
- ENERGY STAR® certified

CONFIGURATION OPTIONS

imageRUNNER ADVANCE DX 4900 Series



Not Shown

- Inner 2/3 Hole Puncher-D1 (for Inner Finisher-L1)
- 2/3 Hole Puncher Unit-A1 (for External Finishers)

* Staple-Free stapling, up to 5 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

10.1" TFT LCD WSVGA Colour Touch-panel

Memory

3.5 GB RAM

Solid State Drive

Standard: 256 GB
Maximum: 1 TB

Print Resolution

1200 dpi x 1200 dpi

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, Serial Interface

Paper Capacity (LTR, 20 lb. Bond)

Standard: 1,200 Sheets
Maximum: 3,650 Sheets

Paper Sources (LTR, 20 lb. Bond)

Standard: Two 550-sheet Paper Cassettes,
100-sheet Stack Bypass
Optional: High-Capacity Cassette Feeding Unit-E1
(2,450 sheets)

Paper Output Capacity (LTR, 20 lb. Bond)

Standard: 250 Sheets
Maximum: 3,450 Sheets (with Staple Finisher-AE1 or
Booklet Finisher-AE1 and Copy Tray-T2)

Finishing Capabilities

Standard: Collate, Group
With Finishers: Collate, Group, Offset, Staple,
Saddle-Stitch, Hole Punch, Staple-Free
Stapling, Staple On Demand

Supported Media Types

Upper Thin, Plain, Heavy, Recycled, Colour, Bond,
Cassette: Pre-punched, Letterhead, Envelope Thin,
Multi-purpose Plain, Heavy, Recycled, Coated, Colour,
Tray: Tracing, Bond, Label, Pre-punched,
Letterhead, Envelope

Supported Media Sizes

Upper Standard size: Letter, Executive,
Cassette: Statement-R
Custom Size: 4-1/8" x 5-7/8" to 11-3/4" x
8-1/2" (105.0 mm x 148.0 mm to 297.0 mm
x 215.9 mm)
Envelopes: ISO-C5
Lower Standard size: 12" x 18", 11" x 17", Legal,
Cassette: Letter, Letter-R, Executive, Statement-R
Custom Size: 4-1/8" x 5-7/8" to 12" x 18"
(105.0 mm x 148.0 mm to 304.8 mm x
457.2 mm)
Envelopes⁶: COM10 No.10, Monarch, DL
Multi-purpose Standard size: 12" x 18", 11" x 17", Legal,
Tray: Letter, Letter-R, Executive, Statement,
Statement-R
Custom size: 3-7/8" x 5-1/2" to 12-5/8" x
18" (98.4 mm x 139.7 mm to 320.0 mm x
457.2 mm)
Free size: 4" x 5-7/8" to 12" x 18" (100.0 mm x
148.0 mm to 304.8 mm x 457.2 mm)
Envelopes: COM10 No.10, Monarch,
ISO-C5, DL
Envelope custom size: 3-7/8" x 3-7/8" to
12-5/8" x 18" (98.0 mm x 98.0 mm to 320.0
mm x 457.2 mm)

Supported Media Weights

Upper/Lower
Cassette: 14 lb. Bond to 140 lb. Index (52 to 256 g/m²)
Multi-purpose
Tray: 14 lb. Bond to 110 lb. Cover (52 to 300 g/m²)
Duplexing: 14 lb. Bond to 80 lb. Cover (52 to 220 g/m²)

Print/Copy Speed (One-sided)

4945i: Up to 45 ppm (Letter), Up to 22 ppm
(Legal/11"x17"), Up to 32 ppm (Letter-R)
4935i: Up to 35 ppm (Letter), Up to 17 ppm
(Legal/11"x17"), Up to 23 ppm (Letter-R)
4925i: Up to 25 ppm (Letter), Up to 15 ppm
(Legal/11"x17"), Up to 20 ppm

Warm-up Time

From Power On: Approx. 10 Seconds or Less⁷
From Sleep
Mode: Approx. 10 Seconds⁸
Quick Startup
Mode: Approx. 4 Seconds⁹

Dimensions (W x D x H)

With Single Pass DADF-C1: 22-1/4" x 28-1/2" x
35-3/8" (565 mm x 722 mm x 897 mm)

With DADF-BA1: 22-1/4" x 28-3/8" x 35-1/8"
(565 mm x 719 mm x 891 mm)

Installation Space (W x D)

Basic: 38-1/2" x 44-1/8" (978 mm x 1119 mm)
(with Single Pass DADF-C1 + right door and
multipurpose tray opened + paper cassette
opened)
38-1/2" x 45" (978 mm x 1116 mm) (with
DADF-BA1 + right door and multipurpose tray
opened + paper cassette open)
Fully 65" x 44-1/8" (1651 mm x 1119 mm)
Configured: (with Single Pass DADF-C1 + Staple
Finisher-AE1/Booklet Finisher-AE1 +
Copy Tray-T2 extended + paper cassette
open) 1651 mm x 1116 mm (with DADF-BA1
+ Staple Finisher-AE1/Booklet Finisher-AE1
+ Copy Tray-T2 extended + paper cassette
open)

Weight¹⁰

With Platen Cover-Y3: Approx. 134.5 lb. (61 kg)
With Single Pass DADF-C1: Approx. 163.1 lb. (74 kg)
With DADF-BA1: Approx. 149.9 lb. (68 kg)

Print Specifications

Standard Page Description Languages

UFR II, PCL[®]6, Adobe[®] PS[®] 3

Supported File Types for Direct Print

PDF, TIFF, JPEG, EPS, 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),¹¹ Barcode Fonts¹²
PS: 136 Roman

Operating System¹³

UFR II: Windows[®] 8.1/10/11/Server2012/
Server2012 R2/Server2016/Server2019/
Server2022, Mac OS X (10.11 or later)
PCL: Windows[®] 8.1/10/11/Server2012/
Server2012 R2/Server2016/Server2019/
Server2022
PS: Windows[®] 8.1/10/11/Server2012/
Server2012 R2/Server2016/Server2019/
Server2022, Mac OS X (10.11 or later)
PPD: Windows[®] 8.1/10/11, Mac OS X (10.11
or later) As of Jan. 2022

Copy Specifications

First-Copy-Out Time (Letter)

4945i: As fast as 4.6 seconds
4935i: As fast as 5.5 seconds
4925i: As fast as 6.1 seconds

Copy Resolution (dpi)

600 x 600

Multiple Copies

Up to 9,999 Copies

Copy Exposure

Automatic or Manual (9 Levels)

Magnification

25%-400% (1% Increments)

Preset Reduction/Enlargement

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

Scan Specifications

Type

Standard: Colour Platen
Optional: Single Pass DADF-C1¹⁴ or DADF-BA1 [2-sided to 2-
sided (Automatic with DADF)]

Document Feeder Paper Capacity

Single Pass DADF: Up to 200 Sheets
DADF: Up to 100 Sheets

Document Feeder Supported Media Sizes

11" x 17", Legal, Letter, Letter-R, Statement, Statement-R

Document Feeder Supported Media Weights

Single Pass DADF-C1
Single-sided 13.3 lb. Bond to 80 lb. Cover
Scanning: (50 to 220 g/m²)
Double-sided 13.3 lb. Bond to 80 lb. Cover (50 to 220
g/m²)
DADF-BA1
Single-sided 13.3 lb. Bond to 34 lb. Bond (50 to 128
g/m²) (BW), 17 lb. Bond to 34 lb. Bond
(64 to 128 g/m²) (CL)
Double-sided 13.3 lb. Bond to 34 lb. Bond (50 to 128
g/m²) (BW), 17 lb. Bond to 34 lb. Bond
(64 to 128 g/m²) (CL)

Platen Acceptable Originals

Sheet, Book, 3-Dimensional Objects

Platen Supported Media 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[®] 8.1/10/11/Server2012/Server2012
R2/Server 2016/Server 2019/Server 2022

Scan Resolution (dpi)

Push: Up to 600 x 600
Pull: Up to 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 Pass DADF-C1
Single-sided Scanning
BW/Colour: 135/135 (300 x 300 dpi, send),
80/80 (600 x 600 dpi, copy)
Double-sided Scanning
BW/Colour: 270/270 (300 x 300 dpi, send),
160/160 (600 x 600 dpi, copy)

DADF-BA1

Single-sided Scanning
BW/Colour: 70/70 (300 x 300 dpi, send),
51/51 (600 x 600 dpi, copy)
Double-sided Scanning
BW/Colour: 35/35 (300 x 300 dpi, send),
25.5/25.5 (600 x 600 dpi, copy)

Send Specifications

Destination

Standard: Email/Internet FAX (SMTP), SMB 3.1.1, FTP, WebDAV, Mail Box
Optional: Super G3 FAX, IP Fax
Super G3 Fax, IP Fax

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), SMB3.1.1 (TCP/IP), WebDAV
Email/Fax: SMTP (Send), POP3 (Receive)

File Format

TIFF (MMR), JPEG¹⁵, PDF (Compact, OCR (Text Searchable), Optimize PDF for Web, Format to PDF/A-1b, Trace & Smooth, Encrypt), XPS (Compact), PDF/XPS (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 Inboxes, 1 Memory RX Inbox, 50 Confidential Fax Inboxes, Maximum 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 (Active Sessions)

Advanced Box Available Disk Space

Approx. 16 GB (Standard HDD)
Approx. 480 GB (With Optional 1 TB HDD)

Memory Media

Standard: USB

Security Specifications

Authentication

Standard: Universal Login Manager, uniFLOW Online Express,¹⁶ User Authentication, Department ID Authentication, Access Management System, Device and Function Level Log-in
Optional: uniFLOW, uniFLOW Online

Data

Standard: Protecting SSD Data [SSD Data Encryption (FIPS140-2 Validated), SSD Lock], Standard SSD Initialize, Trusted Platform Module (TPM), Job Log Conceal Function, Protecting MFP Software Integrity, Checking MFD Software Integrity (Verify System at Startup, Automatic Recovery, Runtime Intrusion Detection), Common Criteria Certification (HCD-PP) (pending confirmation)³
Hard Disk Drive Mirroring, IEEE 2600.2
Optional: Common Criteria Certification

Network

Standard: TLS 1.3, IPsec, IEEE802.1X authentication, SNMP V3.0, Firewall Functionality (IP/MAC Address Filtering), Dual Network Support, Disabling Unused Functions (Enabling/Disabling Protocols/Applications, Enabling/Disabling Remote UI, Enabling/Disabling USB Interface), Communication Line Separation (G3 FAX, USB Port, Advanced Space, Scan and Send -Virus Concerns for Email Reception)
Optional: WPA3 support (Wi-Fi), (Wired LAN/Wireless LAN, Wired LAN/Wired LAN)

Document

Standard: Secure Watermark, Secure Print, Forced Hold Printing, Adobe LiveCycle[®] Rights Management ES2.5 Integration, Encrypted PDF, Encrypted Secure Print, Device Signature, User Signature

Environmental Specifications

Operating Environment

Temperature: 50 to 86 °F
Humidity: 20 to 80% RH (Relative Humidity)

Power Requirements

110 - 127 V 60 Hz, 8.5 A

Power Consumption

Maximum: Approx. 1,500 W
Copying (with DADF continuous scan):
Approx. 649 W (110 - 127 V)

Sleep Mode: Approx. 0.8 W¹⁷

Typical Electricity Consumption (TEC) Rating⁵

4945i: 0.45 kWh
4935i: 0.34 kWh
4925i: 0.24 kWh

Standards

ENERGY STAR[®] Certified

Consumables

Toner

GPR-67 Toner BK

Toner Yield (Estimated @ 6% Coverage)

Black: 44,500 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 Based on ENERGY STAR Product Specification for Imaging Equipment Version 3.0.

⁶ Envelope Attachment A (standard) 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 Includes toner.

¹¹ Requires the optional PCL International Font Set-A1.

¹² Requires the optional Barcode Printer Kit-D1.

¹³ 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.

¹⁴ Detect Feeder Multi Sheet Feed is supported.

¹⁵ Single-Page only.

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

¹⁷ 0.8 W Sleep mode not available in all circumstances due to certain settings.

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