Canon

Delighting You Always

imageRUNNER ADVANCE DX | 4945 4935 4925



Dependable and versatile with enhanced security

The imageRUNNER ADVANCE DX 4900 series aims to digitally transform workplaces with its outstanding reliability and enhanced security features. Together with intuitive usability and various options, this series will be ideal for various workplace requirements.

WORKFLOW EFFICIENCY

- Intuitive touchscreen provides users with smartphone-like usability, making navigation a breeze.
- Industry leading Single-Pass document feeder option to allow up to 270 images/min scanning, supports paper skew prevention and comes with advanced anti-dust/streak measures.
- My ADVANCE enables a unique, personal experience tailored to meet each user's workflow needs. Settings, such as display language, initial log-in screen, and accessibility options, can be synchronised across multiple devices for consistency.
- Canon's MEAP platform provides process optimisation, by integrating with a range of powerful document, capture and output management solutions.
- Scalable support for mobile where users can connect directly to the device with Direct Access Point. Capture, scan or print documents easily with the Canon Print Business app.
- Various finishing functions such as Staple-on-Demand, ECO-Staple, saddle stitch, double/corner stapling and foldings are available as an option.

COST MANAGEMENT

- The ability to apply print policies, monitor output, and restrict usage by user helps reduce unnecessary printing, resulting in lower total document cost.
- Seamless integration with output management solutions, such as uniFLOW or uniFLOW Online Express for detailed tracking, reporting, and cost analysis.
- Quality and reliability, combined with remote diagnostics and assistance, can help reduce costs by minimising downtime and time spent by IT.
- Consistent user operation combined with remote and centralised fleet management can help simplify IT management of devices and entire fleets.

QUALITY AND RELIABILITY

- Canon's signature reliability and engine technologies contribute to high-quality output to meet the needs of busy department.
- State-of-the-art imaging technologies and toner allow for consistent images in rich black-and-white tones and 1,200-dpi print resolution.
- Canon's device management tools give you a centralised point of control across your entire fleet, upgrade devices remotely, check device and consumables status and capture meter readings.
- Optional PCL and Adobe PostScript 3 print driver allows seamless integration with enterprise applications.
- Remote diagnostics allow timely, accurate and effective resolution.
- Intuitive user maintenance videos and status notifications available to help achieve maximum uptime and keep supplies replenished.

SUSTAINABILITY

- Fusing technologies and innovative sleep mode features help lower overall energy consumption.
- Minimise paper wastage by holding jobs at the device with Force Hold Print. Choose to preview your print jobs or even change print settings at the device to achieve the desired results at the first time of printing.
- Consumes as little as 0.8W in sleep mode.

SECURITY

- Control who has access to the device with different authentication methods such as picture login, department ID, user authentication and card access.
- Ensure information privacy and security across your network with IPsec, port filtering capabilities, and SSL technology.
- Enhance document confidentiality with encrypted secure print, secure print, secure watermark, encrypted PDF and device signature PDF.
- System verification at startup and McAfee® Embedded Control ensures device security, protecting against malware and tampering of firmware.
- Integrate with third-party solutions for complete monitoring protection.

MACHINE SPECIFICATION

MAIN UNIT

Type
A3 Monochrome Laser Multifunctional

Core Function
Print, Copy, Scan, Send, Store and Optional Fax

Processor
Canon Dual Custom Processor (Shared)

Control Panel
25.654 cm (10.1 in) TFT LCD WSVGA Colour Touch Panel

Memory
RAM: Main CPU: 2GB
Image Processing CPU: 1GB + 0.5GB

Storage
Standard : (SSD) 256GB
Optional : (SSD) 1TB

Interface Connection
Network
Standard : 1000Base-T/100Base-TX/10Base-T
Optional : Wireless LAN (IEEE 802.11 b/g/n)
Others
Standard : USB 2.0 x 1 (Host), USB 3.0 x 1 (Host), USB 2.0 x 1 (Device)
Optional : Serial Interface, Copy Control Interface

Paper Supply Capacity (A4, 80g/m² (gsm)
Standard : 1 200 sheets (2x 550-sheet cassettes, 1x 100-sheet multi-purpose tray)
Maximum : 3 650 sheets (with High Capacity Cassette Feeding Unit-E1)

Paper Output Capacity (A4, 80g/m² (gsm)
Standard : 250 Sheets
Maximum : 3 450 Sheets (with Staple Finisher-AE1 or Booklet Finisher-AE1 and Copy Tray-T2)

Finishing Capabilities
Collate, Group, Offset, Staple, Saddle Stitch, Hole Punch, Eco Staple, Staple On Demand
* Finishing capabilities vary depending on the options connected.

Supported Media Types
Multi-Purpose Tray:
Thin, Plain, Heavy, Recycled, Coated*, Colour, Tracing, Bond, Transparency, Labels, Pre-punched, Letterhead, Envelope, Postcard
* SRA3 is unsupported for Coated 257 to 300 g/m² (gsm).

Upper Cassette:
Thin, Plain, Heavy, Recycled, Colour, Bond, Transparency, Pre-punched, Letterhead, Envelope*, Postcard
* Envelope Feeder Attachment Kit B (standard) is required except ISO-C5.

Lower Cassette:
Thin, Plain, Heavy, Recycled, Colour, Bond, Transparency, Pre-punched, Letterhead, Envelope*, Postcard
* Envelope Feeder Attachment A (standard) is required.

Supported Media Sizes
Multi-Purpose Tray:
Standard size: SRA3, A3, A4, A4R, A5, A5R, A6R, B4, B5, B5R, Foolscap, India Legal, F4A
Custom Size: 98.4 x 139.7 mm to 320.0 x 457.2 mm
Free size: 100.0 x 148.0 mm to 304.8 x 457.2 mm
Envelope: COM10 No.10, Monarch, ISO-C5, DL
Envelope custom size: 98.0 x 98.0 mm to 320.0 x 457.2 mm
Upper Cassette:
Standard size : A4, A5, A5R, A6R, B5
Custom size : 105.0 x 148.0 mm to 297.0 x 215.9 mm
Envelope : ISO-C5
Lower Cassette:
Standard size : A3, A4, A4R, A5, A5R, A6R, B4, B5, B5R, Foolscap, India Legal, F4A
Custom size : 105.0 x 148.0 mm to 304.8 x 457.2 mm
Envelopes* : COM10 No.10, Monarch, DL
* Envelope Attachment A (standard) is required.

Supported Media Weights
Multi-purpose tray : 52 to 300g/m² (gsm)*
Upper/Lower Cassette : 52 to 256g/m² (gsm)
Duplex : 52 to 220g/m² (gsm)
* SRA3 is unsupported for Coated (257-300g/m² (gsm). Media Adjustment Kit-A1 is required for Coated (257-300g/m² (gsm)

Warm-up Time (Quick start mode: ON)
Quick Startup Mode : 4 s or less+
From Sleep Mode : 10 s or less
From Power On : 10 s or less*
+ Time from device power-on to when the copy icon appears and is enabled to operate on the touch panel display.
* Time from device power-on, until copy ready (not print reservation)

Dimensions (W x D x H)
With Platen Cover-Y3 : 565.0 x 692.0 x 788.0 mm
With Single Pass DADF-C1 : 565.0 x 722.0 x 897.0 mm
With DADF-BA1 : 565.0 x 719.0 x 891.0 mm

Installation Space (W x D)
Basic: 978 x 1 119 mm (with Single Pass DADF-C1 + right door & multi-purpose tray opened + paper cassette opened)
978 x 1 116 mm (with DADF-BA1 + right door & multi-purpose tray opened + paper cassette opened)
Fully Configured:
1 651 x 1 119 mm (with Single Pass DADF-C1 + Staple Finisher-AE1/Booklet Finisher-AE1 + Copy Tray-T2 extended + paper cassette opened)
1 651 x 1 116 mm (with DADF-BA1 + Staple Finisher-AE1/Booklet Finisher-AE1 + Copy Tray-T2 extended + paper cassette opened)

Weight (including toner)
With Platen Cover-Y3 : Approx. 62.0 kg
With DADF-BA1 : Approx. 69.0 kg
With Single Pass DADF-C1 : Approx. 75.0 kg

Printing Specifications

Print Speed (BW, 1-sided)
iR-ADV DX 4945: Up to 45 pages/min (A4), Up to 22 pages/min (A3), Up to 32 pages/min (A4R)
iR-ADV DX 4935: Up to 35 pages/min (A4), Up to 17 pages/min (A3), Up to 23 pages/min (A4R)
iR-ADV DX 4925: Up to 25 pages/min (A4) , Up to 15 pages/min (A3), Up to 20 pages/min (A4R)

Print Resolution (dpi): 1 200 x 600, 1 200 x 1 200 (half-speed)

Page Description Languages
Standard : UFR II,
Optional : Adobe PostScript 3, PCL 6

Direct Print (RUI)
Supported file types: PDF, EPS, TIFF/JPEG and XPS

Printing From Mobile and Cloud
AirPrint, Mopria, Canon PRINT Business, uniFLOW Online and Universal Print

Fonts
PS fonts: 136 Roman
PCL fonts: 93 Roman, 10 Bitmap fonts, 2 OCR fonts, Andalé Mono WT J/K/S/T*1 (Japanese, Korean, Simplified and Traditional Chinese), Barcode fonts*2
*1 Requires optional PCL INTERNATIONAL FONT SET-A1
*2 Requires optional BARCODE PRINTING KIT-D1

Operating System
UFR II : Windows® 10/11/Server2012/Server2012 R2/Server2016/Server2019/Server2022, macOS(10.13 or later)
PCL : Windows® 10/11/Server2012/Server2012 R2/Server2016/Server2019/Server2022
PS : Windows® 10/11/Server2012/Server2012 R2/Server2016/Server2019/Server2022, macOS(10.13 or later)
PPD : Windows® 10/11, macOS(10.13 or later)

Copy Specifications

Copy Speed (BW, 1-sided)
iR-ADV DX 4945: Up to 45 pages/min (A4), Up to 22 pages/min (A3), Up to 32 pages/min (A4R)
iR-ADV DX 4935: Up to 35 pages/min (A4), Up to 17 pages/min (A3), Up to 23 pages/min (A4R)
iR-ADV DX 4925: Up to 25 pages/min (A4), Up to 15 pages/min (A3), Up to 20 pages/min (A4R)

First-Copy-Out Time (A4)
iR-ADV DX 4945 : 4.6 s
iR-ADV DX 4935 : 5.5 s
iR-ADV DX 4925 : 6.1 s

Copy Resolution (dpi) 600 x 600
Multiple Copies Up to 9 999 copies
Copy Density Automatic or Manual (9 Levels)

Magnification
Variable zoom: 25% - 400% (1% Increments)
Preset reduction/enlargement: 25%, 50%, 61%, 70%, 81%, 86%, 100%(1:1), 115%, 122%, 141%, 200%, 400%

Scan Specifications

Type
Standard : Colour Flatbed Scan Unit
Optional : Platen Cover Type-Y3, Single Pass DADF-C1* or DADF-BA1 [2-sided to 2-sided (Automatic with DADF)]
* Detect Feeder Multi Sheet Feed is supported.

Document Feeder Paper Capacity 80g/m² (gsm)
Single Pass DADF-C1 : up to 200 sheets
DADF-BA1 : up to 100 sheets

Acceptable Originals and Weights
Platen: Sheet, Book, and 3-Dimensional objects

Document Feeder media weight:
SINGLE PASS DADF-C1*:
1-sided scanning : 38 to 220g/m² (gsm) (BW, CL)
2-sided scanning : 38 to 220g/m² (gsm) (BW, CL)
*Acceptable weights of A6R or smaller is 50 to 220g/m² (gsm).

DADF-BA1:
1-sided scanning : 38 to 128g/m² (gsm) (BW), 64 to 128g/m² (gsm) (CL)
2-sided scanning : 50 to 128g/m² (gsm) (BW), 64 to 128g/m² (gsm) (CL)

Supported Media Sizes
Platen: max. scanning size: up to 297.0 x 431.8 mm
Single Pass DADF-C1: A3, A4, A4R, A5, A5R, A6R, B4, B5, B5R, B6R,
Custom size: 69.9 x 139.7 mm to 304.8 x 431.8 mm

DADF-BA1: A3, A4, A4R, A5, A5R, B4, B5, B5R, B6,
Custom size: 139.7 x 128.0 mm to 297.0 x 431.8 mm

Scan Speed (images/min: BW/CL; A4)
Single Pass DADF-C1:
1-sided Scanning : 135/135 (300 x 300 dpi, send), 80/- (600 x 600 dpi, copy)
2-sided Scanning : 270/270 (300 x 300 dpi, send), 160/- (600 x 600 dpi, copy)
DADF-BA1:
1-sided Scanning : 70/70 (300 x 300 dpi, send), 51/- (600 x 600 dpi, copy)
2-sided Scanning : 35/35 (300 x 300 dpi, send), 25.5/- (600 x 600 dpi, copy)

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

Pull Scan Specifications
Color Network ScanGear2. For both TWAIN and WIA
Supported OS: Windows® 10/11/Server2012/Server2012 R2/Server 2016/Server 2019/Server 2022

Send Specifications

Destination
Standard : E-mail/Internet FAX (SMTP), SMB, FTP, WebDAV, Mail Box
Optional : Super G3 FAX, IP Fax

Address Book
LDAP (2 000)/Local (1 600)/One-touch (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
E-mail/i-Fax : SMTP (send), POP3 (receive)

File Format
Standard : TIFF (MMR), JPEG*, PDF (Compact, OCR (Text Searchable), Optimize PDF for Web, Format to PDF/A-1b, Trace & Smooth, Encrypt), XPS (Compact, OCR (Text Searchable)), PDF/XPS (Device Signature, User Signature), Office Open XML (PowerPoint, Word)
* Single-Page only

Fax Specifications

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):
400x400 (Ultra Fine), 200x400 (Super Fine), 200x200 (Fine), 200x100 (Normal)

Sending/Recording Size
Sending : A3, A4, A4R, A5*1, A5R*1, B4, B5*2, B5R*1
Receiving : A3, A4, A4R, A5, A5R, B4, B5, B5R
*1 Sent as A4 *2 Sent as B4 short

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® 10/11
Concurrent Connections (Max.): SMB: 64, WebDAV: 3

Advanced Box available disc space
Standard: 16GB
(With option: max. 480GB)

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 Express: 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 Print*

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
* Requires uniFLOW Online/uniFLOW

Network Security
TLS 1.3, IPSec, IEEE802.1X authentication, SNMP V3.0, Firewall Functionality (IP/MAC Address Filtering),WPA3 support (Wi-Fi), 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 (FIPS140-2 Validated), SSD Lock], Standard SSD Initialize, Trusted Platform Module (TPM), Job Log Conceal Function, Checking MFD Software Integrity (Verify System at Startup, 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: 10 to 30 °C
Humidity: 20 to 80 % RH (Relative Humidity)

Power Source 220-240V, 50-60Hz, 5A

Power Consumption
Maximum: Approx. 1 500W
Sleep mode: Approx. 0.8 W*
* 0.8 W sleep mode is not available in all circumstances due to certain settings.

Software and Printer Management

Tracking and Reporting
uniFLOW Online Express/uniFLOW Online

Remote Management Tools
iW Enterprise Management Console
eMaintenance
Content Delivery System

Scanning Software
Color Network ScanGear 2

Optimisation Tools
Canon Driver Configuration Tool

Platform
MEAP (Multifunctional Embedded Application Platform)

Document Publishing
IW DESKTOP

Paper Supply Options

CASSETTE FEEDING UNIT - AW1
Paper Capacity : 550 Sheets x 2 (80g/m² (gsm))
Paper Type : Thin, Plain, Recycled, Colour, Heavy, Bond, Transparency, Pre-punched, Letterhead, Postcard
Paper Size : A3, A4, A4R, A5, A5R, A6R, B4, B5, B5R
Custom size : 105.0 x 148.0 mm to 304.8 x 457.2 mm
Paper Weight : 52 to 256g/m² (gsm)
Power Source : From the Main Unit
Dimensions (WxDxH) : 565 x 635 x 248 mm
Weight : Approx. 16.0 kg

HIGH CAPACITY CASSETTE FEEDING UNIT -E1
Paper Capacity : 2 450 sheets 80g/m² (gsm)
Paper Type : Thin, Plain, Recycled, Colour, Heavy, Bond, Pre-punched, Letterhead
Paper Size : A4
Paper Weight : 52 to 256g/m² (gsm)
Power Source : From the Main Unit
Dimensions (WxDxH) : 565.0 x 650.0 x 248.0 mm
Weight : Approx. 28.0 kg

Hardware Accessories

Card Readers
IC CARD READER BOX FOR NUMERIC KEYPAD-A1

Others
UTILITY TRAY-B1
NUMERIC KEYPAD-A2
MEDIA ADJUSTMENT KIT-A1

System and Controller Options

Print Accessories
PCL INTERNATIONAL FONT SET-A1
PS PRINTER KIT-BG1
BARCODE PRINTING KIT-D1

Fax Accessories
SUPER G3 FAX BOARD-BH1
SUPER G3 2ND LINE FAX BOARD-BH2
SUPER G3 3RD/4TH LINE FAX BOARD-AX1
REMOTE FAX KIT-A1
IP FAX EXPANSION KIT-B1

Storage Accessories
1TB SSD-A1
MEMORY MIRRORING KIT-A1
250GB SSD-A1

Interface Accessories
WIRELESS LAN BOARD-F1
COPY CONTROL INTERFACE KIT-A1
SERIAL INTERFACE KIT-K3

Other Options

Accessibility Accessories
ADF ACCESS HANDLE-A1
VOICE GUIDANCE KIT-G1
VOICE OPERATION KIT-D1

Staple Cartridges
STAPLE-P1
STAPLE CARTRIDGE-Y1

For full specifications, please refer to the specification table on your local Canon web site.

MAIN CONFIGURATION OPTIONS



BOOKLET FINISHER-AE1

- 2-tray, 3 250 -sheet capacity
- Corner and double stapling up to 50 sheets 80g/m² (gsm)
- Booklet-making up to 20 sheets and non-staple saddle folded capacity up to 3 sheets (A3/A4R)
- Supports ECO-Staple 8 sheets 80g/m² (gsm) and Staple-On-Demand 50 sheets 80g/m² (gsm)
- Support optional external 2/3H PUNCHER UNIT-A1 and 2/F4H PUNCHER UNIT-A1



PLATEN COVER Y3

- Single document scanning



DADF-BA1

- Multiple document scanning
- 100-sheet duplexing automatic document feeder
- Scans up to 70 images/min (1-sided, 300dpi) and 35 images/min (2-sided, 300dpi)



SINGLE-PASS DADF-C1

- Multiple document scanning
- 200-sheet duplexing automatic document feeder
- Scans up to 135 images/min (1-sided, 300 dpi) and 270 images/min (2-sided, 300 dpi)



INNER 2 WAY TRAY-M1

- Separates copies, prints and faxes
- Adds a second internal output tray





UTILITY TRAY-B1



INNER FINISHER-L1

- 2-tray, 545-sheet capacity
- Corner and double stapling up to 50 sheets 80g/m² (gsm)
- Supports ECO-Stapling 8 sheets 80g/m² (gsm) and Staple-On-Demand 40 sheets 80g/m² (gsm)
- Supports optional Inner 2/3H Puncher-D1 and 2/F4H Puncher-D1



STAPLE FINISHER-AE1

- 2-tray, 3 250 -sheet capacity
- Corner and double stapling up to 50 sheets 80g/m² (gsm)
- Supports ECO-Staple 8 sheets 80g/m² (gsm) and Staple-On-Demand 50 sheets 80g/m² (gsm)
- Support optional external 2/3H PUNCHER UNIT-A1 and 2/F4H PUNCHER UNIT-A1



HIGH CAPACITY CASSETTE FEEDING UNIT-E1

- Supports up to A4
- Media weight 52 -256g/m² (gsm)
- 2 450 sheets 80g/m² (gsm)



CASSETTE FEEDING UNIT-AW1

- Supports up to A3
- Media weight 52-256g/m² (gsm)
- 2 x 550 sheets 80g/m² (gsm)

METAL PEDESTAL 38

Raises the device, no additional media supply

eMaintenance

CANON GENUINE TONER, CARTRIDGE & PARTS

Adobe PostScript

Partner / Dealer Stamp

To arrange for a demonstration, simply contact our office below.

CANON INDIA PVT. LTD. 7th Floor, Tower B, Building #5, DLF Epitome Building, DLF Phase III, Gurugram-122002
Ph.: 0124-4160000 | Fax: 0124-4160011 | Web: in.canon

This document is for general information only and contents are subject to change without notice. Errors and omissions excepted. Weights and dimensions are approximates. Options, name and availability may vary by regions. Nothing in this document should be construed as a warranty. We expressly disclaim any liability or contractual obligations in connection with this document. Trademarks belong to their respective owners.

Canon, imageRUNNER ADVANCE, MEAP, eMaintenance, iW and Business Can Be Simple are trademarks of Canon Inc. and/or its affiliates. "MEAP" is a trademark of CANON Inc., referring to an "application platform" for Canon multifunction and single function printers. Other names may be the trademarks of their respective owners. uniFLOW is an independent party software distributed by Canon Singapore Pte Ltd.

Adobe, LiveCycle, PostScript, and the PostScript logo are either registered trademarks or trademarks of Adobe in the United States and/or other countries.

2023 Canon India Pvt. Ltd.
All rights reserved. Printed in India.