imageRUNNER ADVANCE DX
4751i 4735i 4745i 4725i

Canon

Delighting You Always

Robust and reliable, with outstanding performance

The imageRUNNER ADVANCE DX 4700i series offers a wide range of solution for the modern day office in its compact design. This highly dependable series is ideal to fulfill daily office tasks.

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 ipm 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.

- Intelligent Recovery wakes device from sleep mode when user is approaching device via motion sensor technology.

- 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.

Business Can Be Simple

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.

- Standard PCL and optional 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 0.9W 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.

- Ensure device is safe from unknown firmware installation with system verification at startup.

- 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
Standard:10.1" TFT LCD WSVGA Colour Touch panel

Memory
Standard   : 3.0GB RAM

Hard Disk drive
Standard* : 320GB (Available Disk Space: 250GB)
Maximum : 1TB
* A different initial HDD may be used.

Mirroring Hard Disk Drive: Optional

Interface Connection
Network Standard: 1000Base-T/100Base-TX/10Base-T, Wireless LAN (IEEE 802.11 b/g/n)
          Optional : NFC, Bluetooth Low Energy
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, 80gsm)
Standard   : 1,200 sheets (2x 550-sheet cassette, 1x 100-sheet multi-purpose tray)
Maximum : 6,350 sheets (with High Capacity Cassette Feeding Unit-B1 and Paper Deck Unit-F1)

Paper Output Capacity (A4, 80gsm)
Standard   : 250 Sheets
Maximum : 3,350 Sheets (with Buffer Pass-N1 + Staple Finisher-Y1 or Booklet Finisher-Y1)

Finishing Capabilities
Standard   : Collate, Group
With options : Collate, Group, Offset, Staple, Saddle Stitch, Hole Punch, ECO Staple, Staple-On-Demand

Supported Media Types
Multi-Purpose Tray:
Thin, Plain, Heavy, Colour, Recycled, Pre-punched, Transparency, Tracing, Label, Bond, Envelope
Paper Cassette (1/2):
Thin, Plain, Heavy, Colour, Recycled, Pre-punched

Supported Media Sizes
Multi-Purpose Tray:
Standard size: A3, A4, A4R, A5, A5R, A6R, B4, B5, B5R, Foolscap, India Legal, F4A
Custom Size: 98.0 x 148.0 mm to 297.0 x 431.8 mm
Free size: 98.0 x 148.0 mm to 297.0 x 431.8 mm
Envelope: COM10 No.10, Monarch, DL, ISO-C5
Envelope custom size: 98.0 x 148.0mm to 297.0 x 431.8mm
Paper Cassette 1:
Standard size : A4, A4R, A5R, B4, B5R, Foolscap, India Legal, F4A
Custom size   : 139.7 x 182.0 mm to 297.0 x 390.0 mm

Paper Cassette 2:
Standard size : A3, A4, A4R, A5R, B4, B5, B5R, Foolscap, India Legal, F4A
Custom size   : 139.7 x 182.0 mm to 297.0 x 431.8 mm
Envelope*   : COM10 No.10, Monarch, DL, ISO-C5
* Envelope Feeder Attachment-D1 is required.

Supported Media Weights
Multi-purpose tray   : 52 to 220 gsm
                          (Thin (52 to 59gsm): vertical grain paper feed only)
Paper Cassette (1/2)   : 60 to 220 gsm
Duplex   : 60 to 105 gsm

Warm-up Time
Quick Startup Mode   : 4 seconds or less+
From Sleep Mode   : 10 Seconds or Less
From Power On   : 24 Seconds 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-Y2   : 608 x 713 x 822 mm
With Single Pass DADF-C1   : 608 x 722 x 932 mm
With DADF-BA1   : 608 x 719 x 926 mm

Installation Space (W x D)
Basic: 1,116 x 1,160 mm (with Platen Cover Type Y2 + Multi-purpose tray open/extension tray extended + Paper Cassette open)
       1,116 x 1,169 mm (with Single Pass DADF-C1 + Multi-purpose tray open/extension tray extended + Paper Cassette open)
       1,116 x 1,166 mm (with DADF-BA1 + Multi-purpose tray open/extension tray extended + Paper Cassette open)
Fully Configured:
1,811 x 1,169 mm (with Single Pass DADF-C1 + Paper Deck Unit-F1 + Booklet Finisher-Y1 with extension tray extended and Saddle unit drawn)
1,811 x 1,166 mm (with DADF-BA1 + Paper Deck Unit F1 + Booklet Finisher-Y1 with extension tray extended and Saddle unit drawn)

Weight
iR-ADV DX 4751i/4745i/4735i :
With Platen Cover-Y2   : Approx. 76.1 kg including toner
With Single Pass DADF-C1   : Approx. 89.0 kg including toner
With DADF-BA1   : Approx. 82.5 kg including toner
iR-ADV DX 4725i:
With Platen Cover-Y2   : Approx. 75.0 kg including toner
With Single Pass DADF-C1   : Approx. 87.9 kg including toner
With DADF-BA1   : Approx. 81.4 kg including toner

Printing Specifications

Print Speed
iR-ADV DX 4751i : Up to 51 ppm (A4), Up to 37 ppm (A4R),
                  Up to 25 ppm (A3), Up to 20 ppm (A5R)
iR-ADV DX 4745i : Up to 45 ppm (A4), Up to 32 ppm (A4R),
                  Up to 22 ppm (A3), Up to 20 ppm (A5R)
iR-ADV DX 4735i : Up to 35 ppm (A4), Up to 32 ppm (A4R),
                  Up to 22 ppm (A3), Up to 20 ppm (A5R)
iR-ADV DX 4725i : Up to 25 ppm (A4), Up to 17 ppm (A4R),
                  Up to 15 ppm (A3), Up to 17 ppm (A5R)

Print Resolution (dpi): 1,200 x 1,200

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

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

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

A range of software and MEAP-based solutions 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
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 Require optional BARCODE PRINTING KIT-D1

Operating System
UFRII: Windows® 7/8.1/10/Server 2008/Server 2008 R2/ Server 2012/Server 2012 R2/Server 2016/Server 2019, MAC OS X (10.10 or later)
PCL: Windows® 7/8.1/10/Server 2008/Server 2008 R2/ Server 2012/Server 2012 R2/Server 2016/Server 2019
PS: Windows® 7/8.1/10/Server 2008/Server 2008 R2/ Server 2012/Server 2012 R2/Server 2016/Server 2019, MAC OS X (10.10 or later)
PPD: Windows® 7/8.1/10, MAC OS X (10.9 or later)

Copy Specifications

iR-ADV DX 4751i : Up to 51 ppm (A4), Up to 37 ppm (A4R),
                  Up to 25 ppm (A3), Up to 20 ppm (A5R)
iR-ADV DX 4745i : Up to 45 ppm (A4), Up to 32 ppm (A4R),
                  Up to 22 ppm (A3), Up to 20 ppm (A5R)
iR-ADV DX 4735i : Up to 35 ppm (A4), Up to 32 ppm (A4R),
                  Up to 22 ppm (A3), Up to 20 ppm (A5R)
iR-ADV DX 4725i : Up to 25 ppm (A4), Up to 17 ppm (A4R),
                  Up to 15 ppm (A3), Up to 17 ppm (A5R)

First-Copy-Out Time (A4)
iR-ADV DX 4751i   : Approx. 3.7 seconds or less
iR-ADV DX 4745i/4735i   : Approx. 3.8 seconds or less
iR-ADV DX 4725i   : Approx. 5.2 seconds or less

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-Y2, 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 (80gsm)
Single Pass DADF-C1 : up to 200 sheets
DADF-BA1 : up to 100sheets

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

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

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

Supported Media Sizes
Platen: max. scanning size: up to 297.0 x 431.8 mm
Document Feeder media size:
Single Pass DADF-C1: A3, A4, A4R, A5, A5R, A6R, B4, B5, B5R, B6R,
Custom size: 70.0 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 mm to 297.0 x 431.8 mm

Scan Speed (ipm: BW/CL; A4)
Single Pass DADF-C1:
1-sided Scanning : 135/135 (300 x 300 dpi, send), 80/80 (600 x 600 dpi, copy)
2-sided Scanning : 270/270 (300 x 300 dpi, send), 160/90 (600 x 600 dpi, copy)
DADF-BA1:
1-sided Scanning : 70/70 (300 x 300 dpi, send), 51/51 (600 x 600 dpi, copy)
2-sided Scanning : 35/35 (300 x 300 dpi, send), 25.5/25.5 (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 Spec
Colour Network ScanGear2. For both TWAIN and WIA
Supported OS: Windows® 7/8.1/10/Server 2008/Server 2008 R2/Server 2012/Server 2012 R2/Server 2016

Send Specifications

Destination
Standard : E-mail/Internet FAX (SMTP), SMB 3.0, 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), SMB3.0 (TCP/IP), WebDAV
E-mail/I-Fax : SMTP, POP3

File Format
Standard : 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

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/Receiving Size
Sending : A3, A4, A4R, A5*[1], A5R*[1], B4, B5*[2], B5R*[1]
Receiving : A3, A4, A4R, 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® 8.1/10
Concurrent Connections (Max.): SMB: 64, WebDAV: 3

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

Security Specifications

Authentication
Standard : 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*[1])
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)
*1 Requires uniFLOW Online/uniFLOW

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)

Device Security
Protecting HDD Data (HDD Data Encryption (FIPS140-2 Validated), HDD Data Overwrite Erase, HDD Lock), Standard HDD Initialize, Trusted Platform Module (TPM), Job Log Conceal Function, Protecting MFD Software Integrity, Checking MFD Software Integrity, Verify System at Startup, Runtime Intrusion Detection),
Optional: IEEE2600.2 (Common Criteria Certification) (available at a later schedule)

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, 5.6A

Power Consumption
Maximum: 1,500W
Standby: Approx. 38 W*[1]
Sleep mode: Approx. 0.9 W *[2]

*1 Reference Value (measured one unit)
*2 0.9W sleep mode is not available in all circumstances due to certain settings.

Consumables

Toner Cartridge NPG-73 Toner BK
Toner Yield (Estimated Yield @6% Coverage)
NPG-73 Toner BK : 42,100 pages

Software and Printer Management

Tracking and reporting
Universal Login Manager (ULM)
uniFLOW Online Express

Remote Management Tools
iW Management Console
eMaintenance
Content Delivery System

Scanning Software
Network ScanGear

Optimisation Tools
Canon Driver Configuration Tool
NetSpot Device Installer

Platform
MEAP (Multifunctional Embedded Application Platform)

Document Publishing
IW DESKTOP

Paper Supply Options

CASSETTE FEEDING UNIT – AN1
Paper Capacity : 550 Sheets x 2 (80gsm)
Paper Type : Thin, Plain, Heavy, Colour, Recycled, Pre-punched
Paper Size : A3, A4, A4R, A5R, B4, B5, B5R,
Custom size : 139.7 x 182.0 mm to 297.0 to 390.0 mm
Paper Weight : 60 to 220 gsm
Power Source : From the Main Unit
Dimensions (WxDxH) : 565 x 650 x 248 mm (attached to the main unit)
Weight : Approx. 23.5 kg

HIGH CAPACITY CASSETTE FEEDING UNIT –B1
Paper Capacity : 2,450 sheets (80 gsm)
Paper Type : Thin, Plain, Heavy, Colour, Recycled, Pre-punched
Paper Size : A4
Paper Weight : 60 to 220 gsm
Power Source : From the Main Unit
Dimensions (WxDxH) : 565 x 650 x 248 mm (attached to the main unit)
Weight : Approx. 28 kg

PAPER DECK UNIT – F1
Paper Capacity : 2,700 sheets (80 gsm)
Paper Type : Thin, Plain, Heavy, Colour, Recycled, Pre-punched
Paper Size : A4, B5
Paper Weight : 60 to 128 gsm
Power Source : From the Main Unit
Dimensions (W x D x H) : 344 x 630 x 440 mm (attached to the main unit)
Weight : Approx. 31 kg

Hardware Accessories

Card Readers
COPY CARD READER-F1
COPY CARD READER ATTACHMENT-B7

Others
PLATEN COVER TYPE-Y2
ENVELOPE FEEDER ATTACHMENT KIT-D1
UTILITY TRAY-B1
NUMERIC KEYPAD-A1

Security Options

Device Security
iR-ADV SECURITY KIT-AN1 FOR IEEE 2600 COMMON CRITERIA CERTIFICATION
(available at a later schedule)

Data Security
HDD MIRRORING KIT-J1
2.5INCH/250GB HDD-N1
2.5INCH/1TB HDD-P1

System and Controller Options

Print Accessories
PCL INTERNATIONAL FONT SET-A1
PCL ASIAN FONT SET-A1
PS PRINTER KIT-BG1/CC1

Barcode Printing
BARCODE PRINTING KIT-D1

System Accessories
COPY CONTROL INTERFACE KIT-A1
SERIAL INTERFACE KIT-K3
CONNECTION KIT-A2 FOR BLUETOOTH LE
NFC KIT-E1

Fax Accessories
SUPER G3 FAX BOARD-BF1
SUPER G3 2ND LINE FAX BOARD-BF1
SUPER G3 3RD/4TH LINE FAX BOARD-AS1
REMOTE FAX KIT-A1
IP FAX EXPANSION KIT-B1

Other Options

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

Consumables
STAPLE-P1
STAPLE CARTRIDGE-Y1

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

MAIN CONFIGURATION OPTIONS

PLATEN COVER Y2
- Single document scanning

DADF-BA1
- Multiple document scanning
- 100-sheet duplexing automatic document feeder
- Scans up to 70 ipm (1-sided, 300dpi) and 35ipm (2-sided, 300dpi)

SINGLE-PASS DADF-C1
- Single-Pass DADF-C1
- Multiple document scanning 200-sheet duplexing automatic document feeder
- Scans up to 135 ipm (1-sided, 300 dpi) and 270 ipm (2-sided, 300 dpi)

BOOKLET FINISHER-Y1
- 2-tray, 3,250 -sheet capacity
- Corner and double stapling up to 50 sheets (80 gsm)
- Booklet-making up to 20 sheets and non-staple saddle folded capacity up to 3 sheets (A3/A4R)
- Supports ECO-Staple 4 sheets (80 gsm) and Staple-On-Demand 50 sheets (80 gsm)
- Support optional external 2/3H PUNCHER UNIT-A1 and 2/F4H PUNCHER UNIT-A1

INNER 2 WAY TRAY-L1
- Separates copies, prints and faxes
- Adds a second internal output tray

BUFFER PASS UNIT-N1
- Transports paper to external finisher

UTILITY TRAY-B1

PAPER DECK UNIT-F1
- Supports up to A4
- Media weight 60-128gsm
- 2,700 sheets (80gsm)

STAPLE FINISHER-Y1
- 2-tray, 3,250 -sheet capacity
- Corner and double stapling up to 50 sheets (80 gsm)
- Supports ECO-Staple 4 sheets (80 gsm) and Staple-On-Demand 50 sheets (80 gsm)
- Support optional external 2/3H PUNCHER UNIT-A1 and 2/F4H PUNCHER UNIT-A1

INNER FINISHER-J1
- 2-tray, 545-sheet capacity
- Corner and double stapling up to 50 sheets (80 gsm)
- Supports ECO-Stapling 4 sheets (80 gsm) and Staple-On-Demand 40 sheets (80 gsm)
- Supports optional Inner 2/3H Puncher-C1 and 2/F4H Puncher-C1

HIGH CAPACITY CASSETTE FEEDING UNIT-B1
- Supports up to A4
- Media weight 60-128gsm
- 2,450 sheets (80gsm)

CASSETTE FEEDING UNIT-AN1
- Supports up to A3
- Media weight 60-128gsm
- 2 x 550 sheets (80gsm)

METAL PEDESTAL 45/25
Raises the device, no additional media supply

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