Canon

imageRUNNER
ADVANCE DX
4751i/4745i
4735i/4725i

# imageRUNNER ADVANCE DX 4700 Series

Black-and-white
Mid-volume
Multifunction

- Print up to 51ppm (BW)
- Scan up to 270 ipm (300 dpi) (BW/ colour, duplex)
- Print up to 11" × 17"
- 6,350-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

- Advanced standard security feature set to help safeguard sensitive information and assist in regulatory compliance.
- Integrates with existing, third-party SIEM* 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 startup. McAfee Embedded Control[2] utilizes a whitelist to protect against malware and tampering of firmware and applications.
- Security policy settings can be controlled with a dedicated password, configured from a central location, and exported 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.[3]

## 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.

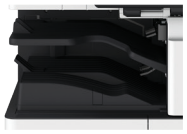
## COST MANAGEMENT

- 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



INNER 2 WAY TRAY-L1

INNER FINISHER-J1

- 2-tray, 545-sheet capacity
- Corner and double stapling up to 50 sheets within the footprint of the main unit
- Supports Staple-free Stapling and Staple on Demand
- Supports optional internal 2/ 3-hole puncher (Inner 2/ 3 Hole Puncher-C1)

SINGLE PASS DADF-C1

- 200-sheet capacity
- Scan speed up to 270 ipm (BW/ Colour)

DADF-BA1

- 100-sheet capacity
- Scan speed up to 70 ipm (BW/ Colour)

Options for 4735i/ 4725i models. Single Pass DADF is standard on 4751i/ 4745i models.

UTILITY TRAY-B1

BOOKLET FINISHER-Y1

- 2-tray, 3,250-sheet capacity
- Corner and double stapling up to 50 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)

STAPLE FINISHER-Y1

- 2-tray, 3,250-sheet capacity
- Corner and double stapling up to 50 sheets
- Supports Staple-free Stapling and Staple On Demand
- Supports optional internal 2/ 3-hole puncher (2/ 3 Hole Puncher Unit-A1)

BUFFER PASS UNIT-N1

- Included with the Staple and Booklet Finishers

PAPER DECK UNIT-F1

- 2,700-sheet capacity
- Supports LTR
- 14 lb. Bond to 140 lb. Index

CASSETTE FEEDING UNIT-AN1

- Two 550-sheet Cassettes
- Supports up to 11" x 17"
- 16 lb. Bond to 34 lb. Bond

HIGH-CAPACITY CASSETTE FEEDING UNIT-B1

- 2,450-sheet capacity
- Supports LTR
- 16 lb. Bond to 34 lb. Bond

CABINET TYPE-Q

Not Shown

- Inner 2/ 3 Hole Puncher-C1 (for Inner Finisher-J1)
- 2/ 3 Hole Puncher Unit-A1 (for External Finishers)
- Platen Cover Type-W

# SPECIFICATIONS

## Main Unit

### Type
Monochrome Laser Multifunctional

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

### Processor
1.75 GHz Dual Core Processor

### Control Panel
10.1" TFT LCD WSVGA Colour Touch-panel

### Memory
3.0 GB RAM

### Hard Disk Drive
Standard: 250 GB
Maximum: 1TB

### Print Resolution
1200 dpi x 1200 dpi

### Interface Connection
Network
Standard: 1000Base-T/ 100Base-TX/ 10Base-T, Wireless LAN (IEEE 802.11b/ g/ n)
Optional: NFC, Bluetooth Low Energy
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: 1,200 Sheets
Maximum: 6,350 Sheets

### Paper Sources (LTR, 20 lb. Bond)
Standard: Two 550-sheet Paper Cassettes, 100-sheet Stack Bypass
Optional: Two 550-sheet Paper Cassettes (Cassette Feeding Unit-AN1), 2,450-sheet Paper Deck (High Capacity Cassette Feeding Unit-B1), 2,700-sheet Paper Deck (Paper Deck Unit-F1)

### Paper Output Capacity (LTR, 20 lb. Bond)
Standard: 250 Sheets
3,350 Sheets (with Buffer Pass-N1 + Staple Finisher-Y1 or Booklet Finisher-Y1)
Maximum:

### Finishing Capabilities
Standard: Collate, Group
With Finishers: Collate, Group, Offset, Staple, Saddle Stitch, Hole Punch, Eco Staple, Staple On Demand

### Supported Media Types
Upper/ Lower Cassette: Thin, Plain, Recycled, Colour, Heavy, Pre-punched
Multi-purpose Tray: Thin, Plain, Recycled, Colour, Heavy, Pre-punched, Bond, Transparency, Label, Envelope

### Supported Media Sizes
Upper Cassette: Legal, Letter, Letter-R, Executive, Statement-R, Custom Size (5-1/ 2" x 7-1/ 8" to 11-3/ 4" x 15-3/ 8")
Lower Cassette: 11" x 17", Legal, Letter, Letter-R, Executive, Statement-R, Custom Size (5-1/ 2" x 7-1/ 8" to 11-3/ 4" x 17"), Envelope[4]: [No.10 (COM10), Monarch, DL, ISO-C5]
Multi-purpose Tray: 11" x 17", Legal, Letter, Letter-R, Executive, Statement-R, Envelope [No.10 (COM10), Monarch, DL, ISO-C5], Custom Size/ Free Size (3-7/ 8" x 5-7/ 8" to 11-3/ 4" x 17")

### Supported Media Weights
Upper/ Lower Cassette: 16 lb. Bond to 80 lb. Cover (60 to 220 g/ m²)
Multi-purpose Tray: 14 lb. Bond to 80 lb. Cover (52 to 220 g/ m²)
Duplexing: 16 lb. Bond to 28 lb. Bond (60 to 105 g/ m²)

### Print / Copy Speed
4751i: Up to 51 ppm (Letter), Up to 37 ppm (Letter-R), Up to 25 ppm (Legal), Up to 25 ppm (11" x 17")
4745i: Up to 45 ppm (Letter), Up to 32 ppm (Letter-R), Up to 25 ppm (Legal), Up to 22 ppm (11" x 17")
4735i: Up to 35 ppm (Letter), Up to 32 ppm (Letter-R), Up to 25 ppm (Legal), Up to 22 ppm (11" x 17")
4725i: Up to 25 ppm (Letter), Up to 17 ppm (Letter-R), Up to 13 ppm (Legal), Up to 15 ppm (11" x 17")

### Warm-up Time
From Power On: Approx. 24 Seconds[5]
From Sleep Mode: Approx. 10 Seconds[6]
Quick Startup Mode: Approx. 4 Seconds[7]

### Dimensions (W x D x H)
4751i/ 4745i: 24" x 28-1/ 2" x 36-3/ 4" (608 mm x 722 mm x 932 mm)[8]
4735i/ 4725i: With Platen Cover-Y2: 24" x 28-1/ 8" x 32-3/ 8" (608 mm x 713 mm x 822 mm)
With Single Pass DADF-C1: 24" x 28-1/ 2" x 36-3/ 4" (608 mm x 722 mm x 932 mm)
With DADF-BA1: 24" x 28-3/ 8" x 36-1/ 2" (608 mm x 719 mm x 926 mm)

### Installation Space (W x D)
Basic: 44" x 45-5/ 8" (1,116 x 1,160 mm) (with Platen Cover-Y2 + Multi-purpose Tray open/ extension tray extended + Paper Cassette open)
44" x 46" (1,116 x 1,169 mm) (with Single Pass DADF-C1 + Multi-purpose Tray open/ extension tray extended + Paper Cassette open)
44" x 45-7/ 8" (1,116 x 1,166 mm) (with DADF-BA1 + Multi-purpose tray open/ extension tray extended + Paper Cassette open)
Fully Configured: 71-3/ 8" x 46" (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)
71-3/ 8" x 45-7/ 8" (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[9]
4751i/ 4745i: Approx. 193.8 lb. (87.9 kg)
With Platen Cover: Approx. 165.3 lb. (75 kg)
With Single Pass DADF-C1: Approx. 193.8 lb. (87.9 kg)
4735i/ 4725i: With DADF-BA1: Approx. 179.5 lb

## 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, Google Cloud Print, 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 Fonts: 93 Roman, 10 Bitmap fonts, 2 OCR fonts, Andalé Mono WT J/ K/ S/ T (Japanese, Korean, Simplified and Traditional Chinese),[10] Barcode Fonts[11]
PS Fonts: 136 Roman

### Operating System[12]
UFRII/ 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)
PCL: Windows®7/ 8.1/ 10/ Server 2008/ Server 2008 R2/ Server 2012/ Server 2012 R2/ Server 2016/ Server 2019
PPD: Windows®7/ 8.1/ 10, Mac OS X (10.9 or later)

## Copy Specifications

### First-Copy-Out Time (Letter)
4751i: As fast as 3.7 seconds
4745i: As fast as 3.8 seconds
4735i: As fast as 3.8 seconds
4725i: As fast as 5.2 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
4751i/ 4745i: Standard Single Pass Duplexing Automatic Document Feeder
4735i/ 4725i: Optional Single Pass Duplexing Automatic Document Feeder, Duplexing Automatic Document Feeder, or Platen Cover

### 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 Scanning: 13.3 lb. Bond to 80 lb. Cover
Double-sided Scanning: (50 to 220 g/ m²)
DADF-BA1
Single-sided Scanning: 13.3 lb. Bond to 80 lb. Cover (50 to 220 g/ m²)
Double-sided Scanning: 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®7/ 8.1/ 10/ Server 2008/ Server 2008 R2/ Server 2012/ Server 2012 R2/ Server 2016

### 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 ipm (300 dpi)/ 80 ipm (600 dpi)
Double-sided Scanning
BW/ Colour: 270 ipm (300 dpi), 160 ipm (600 dpi)
DADF-BA1
Single-sided Scanning
BW/ Colour: 70 ipm (300 dpi), 51 ipm (600 dpi)
Double-sided Scanning
BW/ Colour: 35 ipm (300 dpi), 25.5 ipm (600 dpi)

## 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)/ 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 3.0 (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, 30,000 Maximum Pages Stored (2,000 Jobs Stored)

Advanced Box

Communication Protocol: SMB or WebDAV Supported
Client PC: Windows (Windows 8.1/ 10)
Concurrent Connections (Max.)
SMB: 64
WebDAV: 3 (Active Sessions)

Advanced Box Available Disk Space

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

Memory Media

Standard: USB

## Security Specifications

Authentication

Standard: Universal Login Manager, uniFLOW Online Express,[13] User Authentication, Department ID Authentication, Access Management System, Device and Function Level Log-in
Optional: uniFLOW

Data

Standard: Trusted Platform Module (TPM), Hard Disk Password Lock, Hard Disk Drive Erase, Mail Box Password Protection, Hard Disk Drive Encryption (FIPS140-2 Validated), Verify System at Startup, McAfee Embedded Control[2]
Optional: Hard Disk Drive Mirroring, IEEE 2600.2 Common Criteria Certification, Data Loss Prevention (Requires uniFLOW)

Network

Standard: Encrypted Secure Print, IP/ Mac Address Filtering, IPsec, TLS Encrypted Communication (v1.0/ 1.1/ 1.2/ 1.3), SNMP V3.0, IEEE 802.1X, IPv6, SMTP Authentication, POP Authentication before SMTP, S/ MIME, SIEM Integration

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: 10 to 30°C
Humidity: 20 to 80% RH (Relative Humidity)

Power Requirements

110-127V, 60Hz, 10.4A

Power Consumption

Maximum: Approx. 1,500 W
Standby: Approx. 39 W[14]
Sleep Mode: Approx. 0.9 W[15]
Typical Electricity Consumption (TEC) Rating[16]
4751i: 0.71kWh
4745i: 0.62 kWh
4735i: 0.51kWh
4725i: 0.34 kWh

Standards

ENERGY STAR® Certified

## Consumables

Toner

GPR-57 Toner BK

Toner Yield (Estimated @6% Coverage)

Black: 42,100 Images

1 Subscription to a third-party cloud service required. Subject to third-party cloud service provider's terms and conditions.
2 Requires Unified Firmware Platform v3.9 or greater.
3 Requires additional option.
4 Envelope Feeder Attachment-D1 is required.
5 Time from device power-on, until copy ready (not print reservation).
6 Time from exiting Sleep mode to when printing is operational.
7 Time from device power on to when the copy icon appears and is enabled to operate on the touch panel display.
8 Time from device power-on to when key orientations can be performed on the touch panel display.
9 Includes toner.
10 Requires the optional PCL International Font Set-A1.
11 Requires the optional Barcode Printer Kit-D1.
12 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.
13 No charge for this solution; however activation is required.
14 Reference Value (measured one unit).
15 0.9 W sleep mode not available in all circumstances due to certain settings.
16 Based on ENERGY STAR Product Specification for Imaging Equipment Version 3.0.

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