

## imageRUNNER ADVANCE DX C477iF Series

Color  
Compact  
Multifunction

Print up to 50 ppm (BW/color)

Scan up to 200 ipm (300 dpi) (BW/color, duplex)

Print up to 8-1/2" × 14"

2,300-sheet maximum paper capacity

Canon's comprehensive portfolio of imageRUNNER ADVANCE DX 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 touch screen 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.<sup>1</sup>
- 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\*<sup>2</sup> 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<sup>3</sup> 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.<sup>4</sup>



### 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 consistently striking images, thanks to Canon's V<sup>2</sup> color profile.
- Designed to achieve maximum uptime with status notifications that help keep supplies replenished plus intuitive maintenance videos for consumables replacement.
- imageRUNNER ADVANCE 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 and rated EPEAT® Gold.<sup>5</sup>

## CONFIGURATION OPTIONS

imageRUNNER ADVANCE DX C477iF\*  
(Standard Model)



imageRUNNER ADVANCE DX C477iFZ  
(Finisher Model)



### CASSETTE FEEDING UNIT-ASI

- 550-sheet capacity and cabinet for storage
- Supports up to Legal
- Supports 16 lb. Bond to 60 lb. Cover



### CASSETTE FEEDING UNIT-AT1

- 1,650-sheet capacity
- Supports up to Legal
- Supports 16 lb. Bond to 60 lb. Cover



### CASSETTE MODULE-AJ1\*\*

- Desktop configuration
- 550-sheet capacity
- Supports up to Legal
- Supports 16 lb. Bond to 60 lb. Cover

\* Finisher cannot be added after purchase.

\*\* Up to two optional cassettes can be added to the iF model. One optional cassette can be added to the iFZ model. Applies to floor standing and desktop configurations.

# SPECIFICATIONS

## Main Unit

### Type

Color Laser Multifunctional

### Core Functions

Print, Copy, Scan, Send, Store, Fax

### Processor

1.75GHz Dual Core Processor

### Control Panel

10.1" TFT LCD WSVGA Color Touch-panel

### Memory

4.0 GB RAM

### Hard Disk Drive

250 GB

### Interface Connection

Network: 1000Base-T/100Base-TX/10Base-T,  
Wireless LAN (IEEE 802.11 b/g/n)

Optional: NFC, Bluetooth Low Energy  
Others

Standard: USB 2.0 (Host) x 2, USB 3.0 x1 (Host),  
USB 2.0 x1 (Device)

Optional: Copy Control Interface

### Paper Capacity (LTR, 20 lb. Bond)

Standard: 650 Sheets

Maximum: 2,300 Sheets

### Paper Sources (LTR, 20 lb. Bond)

Standard: 550-sheet Paper Cassette, 100-sheet  
Multi-Purpose Tray

Optional: 1,650-sheet Paper Cassette  
(Cassette Feeding Unit-AT1)  
550-sheet Paper Cassette  
(Cassette Feeding Unit-AS-1)

### Paper Output Capacity (LTR, 20 lb. Bond)

Standard 400 Sheets

Model:

Finisher 900 Sheets (400 sheets: base tray, 400

Model: sheets: upper tray, 100 sheets: lower tray)

### Finishing Capabilities

Standard: Collate, Group  
Finisher: Collate, Group, Offset, Staple

### Supported Media Types

Multi-Purpose Thin, Plain, Recycled, Heavy, Color,  
Tray: Bond, Envelope

Cassette: Thin, Plain, Recycled, Heavy, Color,  
Label, Bond

### Supported Media Sizes

Multi-Purpose Legal, Letter, Executive, Statement,  
Tray: Envelopes [No.10 (COM10), Monarch, DL,  
ISO-C5], Custom size: 3" x 5" to 8-1/2" x 14"  
(76.2 x 127.0 mm to 216.0 x 355.6 mm)

Cassette: Legal, Letter, Executive, Statement,  
Custom Size: 4" x 5-7/8" to 8-1/2" x 14"  
(101.6 x 148.0 mm to 216.0 x 355.6 mm)

### Supported Media Weights

Cassettes: 16 lb. Bond to 60 lb. Cover (60 to 163 g/m<sup>2</sup>)

Multi-Purpose 16 lb. Bond to 79 lb. Cover (60 to 216 g/m<sup>2</sup>)

Tray:

Duplex: 16 lb. Bond to 60 lb. Cover (60 to 163 g/m<sup>2</sup>)

### Print/Copy Speed (BW and Color)

C477iF/ Up to 50 (Letter), Up to 39 (Legal)

C477iFZ:

### Warm-up Time

From Power Approx. 10 Seconds<sup>5</sup>

On:

From Sleep Approx. 10 Seconds<sup>7</sup>

Mode:

Quick Start Up Approx. 4 Seconds<sup>8</sup>

Mode:

### Dimensions (W x D x H)

Standard 20-1/2" x 25-1/4" x 26-3/8"

Model: (521 mm x 642 mm x 668 mm)

Finisher 20-1/2" x 25-1/4" x 34"

Model: (521 mm x 642 mm x 864 mm)

### Installation Space (W x D)

37-3/8" x 33-1/8" (950 mm x 840 mm) (with Left Cartridge  
Door Open + Right Door Open + the Cassette Drawer Open)

### Weight<sup>9</sup>

Standard Approx. 101.4 lb. (46 kg)

Model:

Finisher Model: Approx. 121.3 lb. (55 kg)

## Print Specifications

### Print Resolution (dpi)

1200 x 600, 600 x 600

### Standard Page Description Languages

UFR II, PCL6, Adobe® PostScript® 3™

### Direct Print

Available from USB, Advanced Box, Remote UI,  
and Web Access

### Supported File Types

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),<sup>10</sup>  
Barcode Fonts<sup>11</sup>

PS: 136 Roman

### Operating System<sup>12</sup>

UFR II/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 (LTR)

C477iF/  
C477iFZ: As fast as 5.1/5.8 seconds

### Copy Resolution (dpi)

600 x 600

### Multiple Copies

Up to 9,999

### Magnification

25%-400% (1% Increments)

### Preset Reductions/Enlargements

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

## Scan Specifications

### Type

Single-Pass Duplexing Automatic Document Feeder<sup>13</sup>

### Document Feeder Paper Capacity

Up to 100 Sheets (20 lb. Bond)

### Document Feeder Supported Media Sizes

Legal, Letter, Statement, Custom Size: 1-7/8" x 5"  
to 8-1/2" x 14" (48.0 mm x 128.0 mm to 216.0 mm x 355.6 mm),  
Business Card: 1-7/8" x 3-3/8" to 2-1/8" x 3-5/8"  
(48.0 mm x 85.0 mm to 55.0 mm x 91.0 mm)

### Document Feeder Supported Media Weights

Single-Sided 13.3 to 34 lb. Bond (50 to 128 gsm) (BW);  
Scanning: 17 to 34 lb. Bond (64 to 128 gsm) (CL)  
Double-Sided 13.3 to 34 lb. Bond (50 to 128 gsm) (BW);  
Scanning: 17 to 34 lb. Bond (64 to 128 gsm) (CL)  
Business Card: 21.3 lb. Bond to 80 lb. Cover (80 to 220 gsm)

### Platen Acceptable Originals

Sheet, Book, 3-Dimensional Objects

### Pull Scan

Color Network ScanGear2 for both Twain and WIA  
Supported Windows® 7/8.1/10/Server 2008/  
OS: Server 2008 R2/Server 2012/  
Server 2012 R2/Server 2016

### 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 compatible mobile devices and certain cloud-based services depending on your requirements.

### Scan Speed (LTR)

Send: Automatic Color Select "OFF" (300 x 300 dpi):  
Single-Sided Scanning: 100 ipm  
Double-Sided Scanning: 200 ipm  
Automatic Color Select "ON" (300 x 300 dpi):  
Single-Sided Scanning: 50 ipm  
Double-Sided Scanning: 100 ipm  
Copy: Scan Speed Priority (300 x 600 dpi):  
Single-Sided Scanning: 50 ipm  
Double-Sided Scanning: 100 ipm  
Image Quality Priority (600 x 600 dpi):  
Single-Sided Scanning: 30 ipm  
Double-Sided Scanning: 50 ipm

## Send Specifications

### Destination

Standard: Email/Internet Fax (SMTP), SMB v3.0,  
FTP, WebDAV, Mail Box, Super G3 Fax  
IP Fax

Optional: 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 v3.0, WebDAV  
Email: SMTP, POP3

### File Format

TIFF, JPEG, PDF (Compact, Searchable, Apply policy,  
Optimize for Web, PDF A/1-b, 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

1

### Modem Speed

Super G3: 33.6 Kbps  
G3: 14.4 Kbps

### Compression Method

MH, MR, MMR, JBIG

### Resolution (dpi)

400 x 400 (Ultra Fine), 200 x 400 (Super Fine), 200 x 200  
(Fine), 200 x 100 (Normal)

### Sending and Recording Size

Statement to Legal

### 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 Simple (Number Supported)

100 User In-boxes, 1 Memory RX In-box, 50 Confidential Fax In-boxes, Maximum 10,000 Pages (2,000 jobs) Stored

### Advanced Box

Communication SMB or WebDAV

Protocol:

Supported Windows 8.1/10

Client PC:

Concurrent Connections (Max.)

SMB: 64

WebDAV: 3 (Active Sessions)

### Advanced Box Available Disc Space

Approx. 16 GB

## Security Specifications

### Authentication

Standard: Universal Login Manager (Device and Function Level Log-in), uniFLOW Online Express,<sup>14</sup> User Authentication, Department ID Authentication, Access Management System

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,<sup>3</sup> McAfee Embedded Control<sup>3</sup>

Optional: IEEE 2600.2 Common Criteria Certification, Data Loss Prevention (Requires uniFLOW)

### Network

Standard: 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 Print, Adobe LiveCycle® Rights Management ES2.5 Integration, Encrypted PDF, Encrypted Secure Print, Device Signature, User Signatures, Secure Watermark

## Environmental Specifications

### Operating Environment

Temperature: 50 to 86 °F

Humidity: 20 to 80 % RH (Relative Humidity)

### Power Requirements

110-127V AC 60 Hz, 8.4 A

### Plug (Main Unit)

NEMA 5-15P

### Power Consumption

Maximum: Approx. 1,500 W

Standby: Approx. 54.3 W<sup>15</sup>

Sleep Mode: Approx. 1.0 W<sup>16</sup>

Typical Electricity Consumption (TEC) Rating<sup>17</sup>  
0.54 kWh

### Standards

ENERGY STAR® Certified

Rated EPEAT® Gold<sup>5</sup>

## Consumables

### Toner Cartridge

TONER T04 BK/C/M/Y<sup>18</sup>

### Toner Yield

TONER T04 BK: 33,000 Pages<sup>19</sup>

TONER T04

C/M/Y: 27,500 Pages<sup>19</sup>

<sup>1</sup> Subscription to a third-party cloud service required. Subject to third-party cloud service providers' Terms and Conditions.

<sup>2</sup> 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.

<sup>3</sup> This feature is off by default and must be turned on by the user. Warm-up times are affected once turned on.

<sup>4</sup> Requires additional option.

<sup>5</sup> For current EPEAT rating (Gold/Silver/Bronze), please visit [www.epeat.net](http://www.epeat.net).

<sup>6</sup> Time from device power-on until copy ready (not print reservation).

<sup>7</sup> Time from exiting Sleep mode to when printing is operational.

<sup>8</sup> Time from device power-on to when copy jobs can be programmed.

<sup>9</sup> Includes consumables.

<sup>10</sup> Requires the optional PCL International Font Set-AI.

<sup>11</sup> Requires the optional Barcode Printer Kit-D1.

<sup>12</sup> 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.

<sup>13</sup> Multi-Sheet Feed Detector Supported.

<sup>14</sup> No charge for this solution; however, activation is required.

<sup>15</sup> Reference value (measured one unit).

<sup>16</sup> 0.8 W Sleep mode not available in all circumstances due to certain settings.

<sup>17</sup> Based on ENERGY STAR Product Specification for Imaging Equipment Version 3.0.

<sup>18</sup> Toner T04L also available for BK and Color (C, M, Y). Yield is BK 11,000 images and Color 9,000 images.

<sup>19</sup> Toner Cartridge yield in accordance with ISO/IEC 19798.

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