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.[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*,[2] 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[3] 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.[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 consistently striking images, thanks to Canon's V^2 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.

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.[5]

CONFIGURATION OPTIONS

imageRUNNER ADVANCE DX C477i/iF*
(Standard Model)

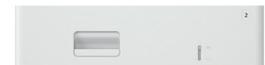**imageRUNNER ADVANCE DX C477iFZ**
(Finisher Model)

CASSETTE FEEDING UNIT-AS1
- 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.

Main Unit

Type
Color Laser Multifunctional

Core Functions
Print, Copy, Scan, Send, Store, Fax(Optional for i Model)

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: Others	NFC, Bluetooth Low Energy
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 Model:	400 Sheets
Finisher Model:	900 Sheets (400 sheets: base tray, 400 sheets: upper tray, 100 sheets: lower tray)

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

Supported Media Types
Multi-Purpose Tray:	Thin, Plain, Recycled, Heavy, Color, Bond, Envelope
Cassette:	Thin, Plain, Recycled, Heavy, Color, Label, Bond

Supported Media Sizes
Multi-Purpose Tray:	Legal, Letter, Executive, Statement, 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/m²)
Multi-Purpose Tray:	16 lb. Bond to 79 lb. Cover (60 to 216 g/m²)
Duplex:	16 lb. Bond to 60 lb. Cover (60 to 163 g/m²)

Print/Copy Speed (BW and Color)
C477iF/ C477iFZ:	Up to 50 (Letter), Up to 39 (Legal)

Warm-up Time
From Power On:	Approx. 10 Seconds[6]
From Sleep Mode:	Approx. 10 Seconds[7]
Quick Startup Mode:	Approx. 4 Seconds[8]

Dimensions (W x D x H)
Standard Model:	20-1/2" x 25-1/4" x 26-3/8" (521 mm x 642 mm x 668 mm)
Finisher Model:	20-1/2" x 25-1/4" x 34" (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[9]
Standard Model:	Approx. 101.4 lb. (46 kg)
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, 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:	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:	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 (LTR)
C477i/iF
C477iZ/iFZ:	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[13]

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 Scanning:	13.3 to 34 lb. Bond (50 to 128 gsm) (BW); 17 to 34 lb. Bond (64 to 128 gsm) (CL)
Double-Sided Scanning:	13.3 to 34 lb. Bond (50 to 128 gsm) (BW); 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 OS:	Windows® 7/8.1/10/Server 2008/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
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 Protocol: SMB or WebDAV
Supported Client PC: Windows 8.1/10
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,[14] 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,[3] McAfee Embedded Control[3]
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 ºF
Humidity: 20 to 80 % RH (Relative Humidity)

Power Requirements
110-127V AC 60 Hz, 8.4 A
220-240V, 50/60Hz, 4.3A

Plug (Main Unit)
NEMA 5-15P(120V)
CEE7/7(230V)

Power Consumption
Maximum: Approx. 1,500 W
Standby: Approx. 54.3 W[15]
Sleep Mode: Approx. 1.0 W[16]
Typical Electricity Consumption (TEC) Rating[17]
0.54 kWh

Standards
ENERGY STAR® Certified
Rated EPEAT® Gold[5]

Consumables

Toner Cartridge
TONER T04 BK/C/M/Y[18]

Toner Yield
TONER T04 BK: 33,000 Pages[19]
TONER T04 C/M/Y: 27,500 Pages[19]

[1] Subscription to a third-party cloud service required. Subject to third-party cloud service providers' 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] For current EPEAT rating (Gold/Silver/Bronze), please visit **www.epeat.net**.
[6] Time from device power-on until copy ready (not print reservation).
[7] Time from exiting Sleep mode to when printing is operational.
[8] Time from device power-on to when copy jobs can be programmed.
[9] Includes consumables.
[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] Multi-Sheet Feed Detector Supported.
[14] No charge for this solution; however, activation is required.
[15] Reference value (measured one unit).
[16] 0.8 W Sleep mode not available in all circumstances due to certain settings.
[17] Based on ENERGY STAR Product Specification for Imaging Equipment Version 3.0.
[18] Toner T04L also available for BK and Color (C, M, Y). Yield is BK 11,000 images and Color 9,000 images.
[19] Toner Cartridge yield in accordance with ISO/IEC 19798.

https://www.cla.canon.com/imageRUNNER_DX

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