



imageRUNNER  
ADVANCE DX  
C7780i / C7770i  
C7765i

## imageRUNNER ADVANCE DX C7700 Series

Print up to 80/70 ppm (BW/colour)

Scan up to 270/270 ipm (300 dpi) (BW/colour, duplex)

Print up to 13" × 19"

9,300-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.

Colour  
High-volume  
Multifunction



### 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!<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 pre-defined 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<sup>2</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>3</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> colour profile.
- Designed to achieve maximum uptime with status notifications that 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

**BOOKLET FINISHER-X1**

- 3-tray, 4,250-sheet capacity
- Corner and double stapling, up to 100 sheets
- Booklet-making, up to 20 sheets and saddle-folding, up to 5 sheets

**STAPLE FINISHER-X1**

- 3-tray, 4,250-sheet capacity
- Corner and double stapling, up to 100 sheets

**PAPER FOLDING UNIT-J1**

- Z-fold, C-fold, Half-fold, Accordion Z-fold, Double-parallel Fold

**MULTI FUNCTION PROFESSIONAL PUNCHER-B1**

- Supports various die sets
- Up to 140 lb. Index
- Supports 12" x 18", 11" x 17", Legal, Letter, Letter-R
- 100,000-sheet punch tray capacity
- Enhanced die durability

**DOCUMENT INSERTION UNIT-N1**

- Insert preprinted sheets
- Up to 13" x 19-1/4"
- Two trays
- 400-sheet total capacity

**UPRIGHT CONTROL PANEL-J1**

**UTILITY TRAY-B1**

**PAPER DECK UNIT-E1**

- 3,660-sheet capacity
- 14 lb. Bond to 140 lb. Index

**BOOKLET FINISHER-AC1**

- 3-tray, 3,500-sheet capacity
- Corner and double stapling, up to 65 sheets
- Booklet-making, up to 20 sheets and saddle-folding up to 3 sheets

**STAPLE FINISHER-AC1**

- 3-tray, 3,500-sheet capacity
- Corner and double stapling, up to 65 sheets

**DOCUMENT INSERTION/FOLDING UNIT-K1**

- Insert preprinted sheets
- Up to 13" x 19"
- 1-tray, 100-sheet capacity
- Z-fold, C-fold

**DOCUMENT INSERTION UNIT-Q1**

- Insert preprinted sheets
- Up to 13" x 19"
- 1-tray, 100-sheet capacity

**BUFFER PASS UNIT (Std.)**

**POD DECK LITE-C1**

- 3,660-sheet capacity
- 14 lb. Bond to 110 lb. Cover

**Not Shown**

- Puncher Unit-BF1 (for -X1 Finishers)
- 2/3-Hole Puncher Unit-A1 (for -AC1 Finishers)
- Inner Booklet Trimmer-A1 (for Booklet Finisher-X1)

**imagePASS-N2 v1.1**

- Delivers fast processing speed, outstanding quality, and time-saving workflow

**COPY TRAY-R2**

**MULTI-DRAWER PAPER DECK-C1**

- 6,000-sheet capacity
- 3 paper drawers
- 14 lb. Bond to 110 lb. Cover

# SPECIFICATIONS

## Main Unit

### Type

Colour Laser Multifunctional

### Core Functions

Standard: Print, Copy, Scan, Send, Store  
Optional: Fax

### Processor

Canon Dual Custom Processor (Shared)

### Control Panel

Standard: 10.1" TFT LCD WSVGA Colour Touch-panel  
Optional: 10.4" TFT LCD WSVGA Colour Upright-panel

### Memory

4.0 GB RAM

### Hard Disk Drive

Standard: 250 GB/Maximum: 1 TB

### Print Resolution

2400 dpi x 2400 dpi

### 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 (Host) x 1, USB 3.0 (Host) x 1,  
USB 2.0 (Device) x 1  
Optional: Copy Control Interface

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

Standard: 3,550 Sheets  
Maximum: 9,300 Sheets

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

Standard: Two 1,100-sheet Paper Drawers,  
Two 550-sheet Paper Cassettes,  
250-sheet Multi-purpose Tray  
Optional: 3,660-sheet Paper Deck (Paper Deck  
Unit-E1), 3,660-sheet Paper Deck (POD Deck  
Lite-C1), 6,000-sheet Paper Deck (Multi-  
Drawer Paper Deck-C1)  
Maximum: 9,300 Sheets (With Multi-Drawer Paper  
Deck-C1)

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

250 Sheets (with Copy Tray-R2)  
4,250 Sheets (with Staple Finisher-X1 or Booklet Finisher-X1)

### Finishing Capabilities

With Finishers: Collate, Group, Offset, Staple, Saddle Stitch,  
Hole Punch, Eco Staple, Staple On Demand,  
Document Insertion, Z-fold, Half-fold, C-fold,  
Accordion-Z fold, Double Parallel-fold,  
Trimming

### Supported Media Types

Multi-purpose tray: Thin, Plain, Recycled, Colour, Heavy, Coated,  
Textured, Tracing<sup>4</sup>, Bond, Transparency,  
Label, Pre-punched, Letterhead, Tab,  
Envelope  
Paper Decks: Thin, Plain, Recycled, Colour, Heavy, Tracing<sup>4</sup>,  
Bond, Transparency, Bond, Pre-punched,  
Letterhead  
Paper: Thin, Plain, Recycled, Colour, Heavy, Bond,  
Cassettes: Transparency, Pre-punched, Letterhead,  
Tab, Envelope<sup>5</sup>

### Supported Media Sizes

Multi-purpose Tray: Standard size: 13" x 19", 12" x 18", 11" x 17", Legal,  
Letter, Letter-R, Executive, Statement-R,  
Custom Size/Free Size: 4" x 5-7/8" to  
13" x 19-1/4",  
Envelope: COM10 No.10, Monarch, DL,  
ISO-C5, Envelope Custom Size:  
3-1/2" x 5-7/8" to 13" x 19-1/4"  
Paper Decks: Letter  
Paper: 13" x 19", 12" x 18", 11" x 17", Legal, Letter,  
Cassettes: Letter-R, Executive, Statement-R, Custom  
Size: 5-1/2" x 7-1/8" to 13" x 19-1/4",  
Envelope: COM10 No.10, Monarch, DL,  
ISO-C5, Envelope Custom Size :  
3-7/8" x 5-7/8" to 13" x 19-1/4"

### Supported Media Weights

Paper Drawers: 14 lb. Bond to 80 lb. Cover (52 to 220 g/m<sup>2</sup>)  
Paper Cassettes: 14 lb. Bond to 140 lb. Index (52 to 256 g/m<sup>2</sup>)  
Multi-purpose  
Tray: 14 lb. Bond to 110 lb. Cover (52 to 300 g/m<sup>2</sup>)  
Duplexing: 14 lb. Bond to 80 lb. Cover (52 to 220 g/m<sup>2</sup>)

### Print/Copy Speed (BW/Colour)

C7780i: Up to 80/70 ppm (Letter); Up to 60/52 ppm  
(Letter-R); Up to 47/41 ppm (Legal);  
Up to 40/35 ppm (11" x 17")  
C7770i: Up to 70/65 ppm (Letter); Up to 52/48 ppm  
(Letter-R); Up to 41/38 ppm (Legal);  
Up to 35/32 ppm (11" x 17")  
C7765i: Up to 65/60 ppm (Letter); Up to 48/45 ppm  
(Letter-R); Up to 38/35 ppm (Legal);  
Up to 32/30 ppm (11" x 17")

### Warm-up Time

From Power On: Approx. 30 Seconds<sup>6</sup>

### Quick Startup

Mode: Approx. 4 Seconds<sup>7</sup>

### From Sleep

Mode: 30 Seconds or Less<sup>8</sup>

### Dimensions (W x D x H)

27-1/8" x 36-7/8" x 46-5/8" (689 mm x 937 mm x 1,185 mm)

### Installation Space (W x D)

Basic: 79-3/4" x 60" (2,026 mm x 1,524 mm) (with front cover  
open + Multi-purpose tray/upper-right cover open + Buffer  
Pass+ Booklet Finisher-AC1/extension tray and rotary tray  
extended)

Fully Configured: 150-3/8" x 60" (3,818 mm x 1,524 mm) (with  
front door open + Multi-Drawer Paper Deck-C1 + Buffer Pass  
+ Document Insertion Unit-N1 + Multi Function Professional  
Printer-B1 + Paper Folding Unit-J1+ Booklet Finisher-X1)

### Weight

Approx. 562.2 lb. (255 kg)<sup>9</sup>

## Print Specifications

### Data Processing Resolution (dpi)

2400 x 2400

### Standard Page Description Languages

UFR II, PCL<sup>®</sup>6, Adobe<sup>®</sup> PS<sup>®</sup> 3

### Supported File Types for Direct Print

PDF, TIFF, JPEG, EPS,<sup>10</sup> 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),<sup>11</sup>  
Barcode Fonts<sup>12</sup>  
PS Fonts: 136 Roman

### Operating System<sup>13</sup>

UFR II/PS: Windows<sup>®</sup> 7/8.1/10/Server2008/  
Server2008 R2/Server2012/Server2016/  
R2/Server2016/Server2019, Mac OS X(10.10  
or later)  
PCL: Windows 7/8.1/10/Server2008/Server2008  
R2/Server2012/Server2012 R2/  
Server2016/Server2019  
PPD: Windows 7/8.1/10, Mac OS X(10.9 or later)

## Copy Specifications

### First-Copy-Out Time (Letter)

C7780i: As fast as 4.4 seconds (BW)/  
5.4 seconds (Colour)  
C7770i: As fast as 4.8 seconds (BW)/  
5.9 seconds (Colour)  
C7765i: As fast as 4.8 seconds (BW)/  
5.9 seconds (Colour)

### Copy Resolution (dpi)

600 x 600

### Multiple Copies

Up to 9,999

### Magnification

25%-400% (1% Increments)

### Preset Reduction/Enlargement

25%, 50%, 64%, 73%, 78%, 100%(1:1), 121%, 129%,  
200%, 400%

## Scan Specifications

### Type

Single-pass Duplexing Automatic Document Feeder

### Document Feeder Paper Capacity

200 Sheets (20 lb. Bond)

### Document Feeder Supported Media Sizes

11" x 17", Legal, Letter, Letter-R, Statement, Statement-R,  
Custom Size: 2-3/4" x 5-1/2" to 12"x17"

### Document Feeder Supported Media Weights

Single-sided/Double-sided Scanning:  
13.3 lb. Bond to 80 lb. Cover (50 to 220 gsm)

### Platen Acceptable Originals

Sheet, Book, 3-Dimensional Objects

### 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 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-sided Scanning  
BW/Colour: 135/135 ipm (300 dpi), 80/80 ipm (600 dpi)  
Double-sided Scanning  
BW/Colour: 270/270 ipm (300 dpi), 160/90 ipm (600 dpi)

## Send Specifications

### Destination

Standard: E-mail/Internet FAX (SMTP), SMB v3.0, 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 v3.0, WebDAV  
Email: SMTP, POP3

### File Format

Standard: TIFF, JPEG, PDF (Limited Colour, 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, 10,000 Pages (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

### Advanced Box Available Disk Space

Approx. 16 GB (Standard HDD)/Approx. 480 GB

## Security Specifications

### Authentication

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

Optional:

### 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<sup>2</sup>

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<sup>®</sup> Rights Management ES2.5 Integration, Encrypted PDF, Encrypted Secure Print, Device Signature, User Signature

## Environmental Specifications

### Operating Environment

Temperature: 50 to 86 °F  
Humidity: 20 to 80% RH (Relative Humidity)

### Power Requirements

C7780i: 208 - 240 V AC, 60 Hz, 12 A  
C7770i/C7765i: 110-127 V AC, 60 Hz, 16 A

### Power Consumption

Maximum  
C7780i: Approx. 2,500 W  
C7770i/7765i: Approx. 2,000 W

Standby<sup>5</sup>  
C7780i: Approx. 126.3 W  
C7770i/C7765i: Approx. 119.2 W

Sleep Mode: Approx. 0.9 W<sup>16</sup>

Typical Electricity Consumption (TEC) Rating<sup>17</sup>  
C7780i: 1.39 kWh  
C7770i: 1.23 kWh  
C7765i: 1.18 kWh

### Standards

ENERGY STAR<sup>®</sup> Certified

## Consumables

### Toner

GPR-56 Toner

### Toner Yield (Estimated @ 5% Coverage)

Black: 82,000 Images  
Colour (C,M,Y): 66,500 Images

- <sup>1</sup> Subscription to a third-party cloud service required. Subject to third-party cloud service providers' terms and conditions.
- <sup>2</sup> Requires Unified Firmware Platform v3.9 or greater.
- <sup>3</sup> Requires additional option.
- <sup>4</sup> Some types of tracing paper cannot be used.
- <sup>5</sup> Envelope Attachment-F1 required.
- <sup>6</sup> Time from device power-on, until copy ready (not print reservation).
- <sup>7</sup> Time from device power on to when the copy icon appears and is enabled to operate on the touch panel display.
- <sup>8</sup> Time from exiting Sleep mode to when printing is operational.
- <sup>9</sup> Includes main unit, ADF, and consumables.
- <sup>10</sup> EPS can be printed directly only from the Remote User Interface.
- <sup>11</sup> Requires the optional PCL International Font Set-A1.
- <sup>12</sup> Requires the optional Barcode Printer Kit-D1.
- <sup>13</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>14</sup> No charge for this solution; however activation is required.
- <sup>15</sup> Reference Value: measured one unit.
- <sup>16</sup> 0.9 W Sleep mode is not available in all circumstances due to certain settings.
- <sup>17</sup> Based on ENERGY STAR Product Specification for Imaging Equipment Version 3.0.

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# Canon

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