Canon

imageRUNNER ADVANCE DX C7700 Series

**Color
High-volume
Multifunction**

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

Scan up to 270/270 ipm (300 dpi) (BW/color, 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.

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 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*,[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 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 and rated EPEAT® Gold.[5]

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
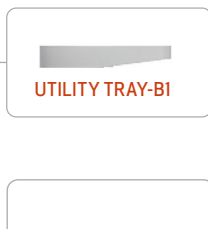- Enhanced die durability

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
- Supports Staple-free Stapling and Staple On Demand

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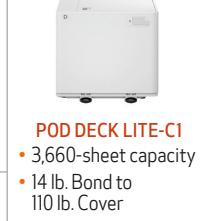- Up to 13" x 19"
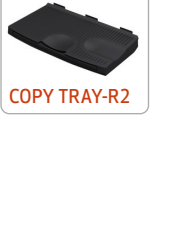- 1-tray, 100-sheet capacity

BUFFER PASS UNIT (Std.)

POD DECK LITE-C1
- 3,660-sheet capacity
- 14 lb. Bond to 110 lb. Cover

COPY TRAY-R2

imagePASS-N2 v1.1
- Delivers fast processing speed, outstanding quality, and time-saving workflow

MULTI-DRAWER PAPER DECK-C1
- 6,000-sheet capacity
- 3 paper drawers
- 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)

* Staple-Free stapling, up to 5 pages of 17 lb. Bond.

SPECIFICATIONS

Main Unit

Type
Color 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 Color Touch-panel
Optional: 10.4" TFT LCD WSVGA Color 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, Color, Heavy, Coated, Textured, Tracing,[6] Bond, Transparency, Label, Pre-punched, Letterhead, Tab, Envelope
Paper Decks: Thin, Plain, Recycled, Color, Heavy, Tracing, Bond, Transparency, Bond, Pre-punched, Letterhead
Paper Cassettes: Thin, Plain, Recycled, Color, Heavy, Bond, Transparency, Pre-punched, Letterhead, Tab, Envelope[7]

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 Cassettes: 13" x 19", 12" x 18", 11" x 17", Legal, Letter, 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/m²)
Paper Cassettes: 14 lb. Bond to 140 lb. Index (52 to 256 g/m²)
Multi-purpose Tray: 14 lb. Bond to 110 lb. Cover (52 to 300 g/m²)
Duplexing: 14 lb. Bond to 80 lb. Cover (52 to 220 g/m²)

Print/Copy Speed (BW/Color)
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[8]
Quick Startup Mode: Approx. 4 Seconds[9]
From Sleep Mode: 30 Seconds or Less[10]

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 Puncher-B1 + Paper Folding Unit-J1+ Booklet Finisher-X1)

Weight
Approx. 562.2 lb. (255 kg)[1]

Print Specifications

Data Processing Resolution (dpi)
2400 x 2400

Standard Page Description Languages
UFR II, PCL®6, Adobe® PS® 3

Supported File Types for Direct Print
PDF, TIFF, JPEG, EPS,[12] 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),[13] Barcode Fonts[14]
PS: 136 Roman

Operating System[15]
UFR II/PS: Windows® 7/8.1/10/Server2008/Server2008 R2/Server2012/Server2012 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 (Color)
C7770i: As fast as 4.8 seconds (BW)/ 5.9 seconds (Color)
C7765i: As fast as 4.8 seconds (BW)/ 5.9 seconds (Color)

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"x 17"

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
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 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/Color: 135/135 ipm (300 dpi), 80/80 ipm (600 dpi)
Double-sided Scanning
  BW/Color: 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 Color, 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,[16] 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,[3] McAfee Embedded Control[3]
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 Enviornment
Temperature: 50 to 86 ºF
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[17]
 C7780i: Approx. 126.3 W
 C7770i/C7765i: Approx. 119.2 W
Sleep Mode: Approx. 0.9 W[18]
Typical Electricity Consumption (TEC) Rating[19]
 C7780i: 1.39 kWh
 C7770i: 1.23 kWh
 C7765i: 1.18 kWh

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

Consumables

Toner
GPR-56 Toner

Toner Yield (Estimated @ 5% Coverage)
Black: 82,000 Images
Color (C,M,Y): 66,500 Images

[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] Some types of tracing paper cannot be used.
[7] Envelope Attachment-F1 required.
[8] Time from device power-on, until copy ready (not print reservation).
[9] Time from device power on to when the copy icon appears and is enabled to operate on the touch panel display.
[10] Time from exiting Sleep mode to when printing is operational.
[11] Includes main unit, ADF, and consumables.
[12] EPS can be printed directly only from the Remote User Interface.
[13] Requires the optional PCL International Font Set-A1.
[14] Requires the optional Barcode Printer Kit-D1.
[15] 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.
[16] No charge for this solution; however, activation is required.
[17] Reference Value: measured one unit.
[18] 0.9 W Sleep mode is not available in all circumstances due to certain settings.
[19] Based on ENERGY STAR Product Specification for Imaging Equipment Version 3.0.

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