imageRUNNER ADVANCE DX | C5870i C5850i C5860i C5840i

Canon

Delighting You Always

User friendly and efficient with low power consumption

The imageRUNNER ADVANCE DX C5800i series offers great usability and high productivity, aimed to support office digital needs. With great performance, the device serves as an ideal interface to connect to various solutions best suited for the business.

WORKFLOW EFFICIENCY

- Intuitive touchscreen provides users with smartphone-like usability, making navigation a breeze.

- Industry leading Single-Pass document feeder allows up to 270 ipm scanning, supports paper skew prevention and comes with advanced anti-dust/streak measures.

- My ADVANCE enables a unique, personal experience tailored to meet each user's workflow needs. Settings, such as display language, initial log-in screen, and accessibility options, can be synchronised across multiple devices for consistency.

- Canon's MEAP platform provides process optimisation, by integrating with a range of powerful document, capture and output management solutions.

- Scalable support for mobile where users can connect directly to the device with Direct Access Point. Capture, scan or print documents easily with the Canon Print Business app.

- Intelligent features, such as motion sensor technology to wake the device from sleep mode and the ability to remove blank pages when scanning, help maximise productivity.

- Various finishing functions such as Staple-on-Demand, ECO-Staple, saddle stitch, double/corner stapling and foldings are available as an option.

COST MANAGEMENT

- The ability to apply print policies, monitor output, and restrict usage by user helps reduce unnecessary printing, resulting in lower total document cost.

- Seamless integration with output management solutions, such as uniFLOW or uniFLOW Online Express for detailed tracking, reporting and cost analysis.

- Quality and reliability, combined with remote diagnostics and assistance, can help reduce costs by minimising downtime and time spent by IT.

- Consistent user operation combined with remote and centralised fleet management can help simplify IT management of devices and entire fleets.

Business Can Be Simple

QUALITY AND RELIABILITY

- V^2 (Vivid & Vibrant) imaging technology ensures high quality printouts that impress time after time.
- Supreme transferability of toner and stable reproduction of colours onto a wide range of media, even at large volumes.
- State-of-the-art imaging technologies and toner allow for consistently striking images with 1,200 dpi print resolution.
- Canon's device management tools give you a centralised point of control across your entire fleet, upgrade devices remotely, check device and consumables status and capture meter readings.
- Remote diagnostics allow timely, accurate and effective resolution.
- Standard PCL and optional Adobe PostScript®3™ print driver allows seamless integration with enterprise applications.
- Intuitive user maintenance videos and status notifications available to help achieve maximum uptime and keep supplies replenished.

SUSTAINABILITY

- Fusing technologies and innovative sleep mode features help lower overall energy consumption.
- Minimise paper wastage by holding jobs at the device with Force Hold Print. Choose to preview your print jobs or even change print settings at the device to achieve the desired results at the first time of printing.
- Consumes as little as 0.8W in sleep mode.

SECURITY

- Control who has access to the device with different authentication methods such as picture login, department ID, user authentication and card access.
- Ensure information privacy and security across your network with IPsec, port filtering capabilities, and SSL technology.
- Enhance document confidentiality with encrypted secure print, secure print, secure watermark, encrypted PDF and device signature PDF.
- System verification at startup and McAfee® Embedded Control ensures device security, protecting against malware and tampering of firmware.
- Integrate with third-party solutions for complete monitoring protection.

MACHINE SPECIFICATION

MAIN UNIT

Type
A3 Colour Laser Multifunctional

Core Function
Print, Copy, Scan, Send, Store and Optional Fax

Processor
Canon Dual Custom Processor (Shared)

Control Panel
10.1" TFT LCD WSVGA Colour Touchpanel

Memory
RAM:　　　Main CPU: 2 GB
　　　　　Image processing CPU: 2GB + 1GB

Storage
Standard : (SSD) 256GB
Optional : (SSD) 1TB

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 x1 (Host) x1, USB 3.0 x1 (Host),
　　　　　USB 2.0 x1 (Device)
Optional : Serial Interface, Copy Control Interface

Paper Supply Capacity (A4, 80gsm)
Standard : 1,200 sheets
　　　　　1 x 100-sheet multi-purpose tray
　　　　　2 x 550-sheet cassettes
Maximum : 6,350 sheets (with High Capacity Cassette
　　　　　Feeding Unit-C1 & Paper Deck Unit-F1)

Paper Output Capacity (A4, 80gsm)
Standard : 250 Sheets
Maximum : 3,450 Sheets (with Staple Finisher-AB1 or
　　　　　Booklet Finisher-AB1 and 3rd Copy Tray Kit-A1)

Finishing Capabilities*
Standard　　　　: Collate, Group
With Options : Collate, Group, Offset, Staple, Saddle Stitch,
　　　　　　　Hole Punch, Eco Staple, Staple-On-Demand
*Finishing capabilities vary depending on the options connected.

Supported Media Types
Multi-purpose tray:
Thin, Plain, Recycled, Color, Heavy, Coated, Tracing, Bond, Transparency, Label, Pre-punched, Letterhead, Tab, Envelope
Paper Cassette (Upper/Lower):
Thin, Plain, Recycled, Color, Heavy, Bond, Transparency, Pre-punched, Letterhead, Envelope*

* Envelope Feeder Attachment (standard) is required.

Supported Media Sizes
Multi-purpose tray:
Standard size : SRA3, A3, A4, A4R, A5, A5R, A6R, B4, B5, B5R
Custom size : 98.0 x 139.7 mm to 320.0 x 457.2 mm
Free size : 98.0 x 139.7 mm to 320.0 x 457.2 mm
Envelopes : COM 10 No 10, Monarch, ISO-C5, DL
Envelope custom size : 98.0 x 90.0 mm to 320.0 x 457.2 mm

Upper Cassette:
Standard size : A4, A5, A5R, A6R, B5
Custom Size : 98.0 x 148.0 mm to 297.0 x 215.9 mm
Envelopes : COM10 No.10, Monarch, DL, ISO-C5

Lower Cassette:
Standard size : A3, A4, A4R, A5, A5R, A6R, B4, B5, B5R
Custom size : 98.0 x 148.0 mm to 304.8 x 457.2 mm
Envelopes : COM10 No.10, Monarch, DL, ISO-C5

Supported Media Weights
Multi-purpose tray　　　　　　　: 52 to 300 gsm
Paper Cassette (Upper/Lower) : 52 to 256 gsm
Duplex　　　　　　　　　　　　: 52 to 256 gsm

Warm-up Time
Quick Startup Mode　　: 4 Seconds or less*1
From Sleep Mode　　　 iR-ADV DX C5870i: 7 Seconds or less
　　　　　　　　　　　 iR-ADV DX C5860i/C5850i/C5840i
　　　　　　　　　　　 : 6 Seconds or less
From Power On　　　　 : 6 Seconds or less*2

*1 Time from device power-on to when the copy icon appears and is enabled to operate on the touch panel display.
*2 Time from device power-on, until copy ready (not print reservation)

Dimensions (W x D x H)
620 mm x 722 mm x 937 mm

Installation Space (W x D)
Basic: 1,138 x 1,162 mm (Right Cover Open with Multi-purpose tray extended + Cassette Drawers Open)
Fully Configured: 1,866 x 1,162 mm (Staple Finisher-AB1/ Booklet Finisher-AB1 with the extension tray extended + Paper Deck Unit-F1 + Cassette Drawers open)

Weight*
iR-ADV DX C5870i　　　 : Approx. 110 kg
iR-ADV DX C5860i/C5850i : Approx. 107 kg
iR-ADV DX C5840i　　　 : Approx. 106 kg

*including regular toner

Printing Specifications

Print Speed (BW and CL)
iR-ADV DX C5870i up to : 70 ppm (A4, A5*, A5R, A6R*),
　　　　　　　　　　　　　 36 ppm (A3), 42 ppm (A4R)
iR-ADV DX C5860i up to : 60 ppm (A4, A5*, A5R, A6R*),
　　　　　　　　　　　　　 32 ppm (A3), 36 ppm (A4R)
iR-ADV DX C5850i up to : 50 ppm (A4, A5*, A5R, A6R*),
　　　　　　　　　　　　　 27 ppm (A3), 30 ppm (A4R)
iR-ADV DX C5840i up to : 40 ppm (A4, A5*, A5R, A6R*),
　　　　　　　　　　　　　 21 ppm (A3), 24 ppm (A4R)
*1-sided only

Print Resolution (dpi) 1,200 x 1,200

Page Description Languages
Standard: UFR II, PCL6
Option: Adobe® PostScript®3™

Direct Print
Supported File Types: PDF, EPS, TIFF/JPEG and XPS

Printing from mobile and cloud
AirPrint, Mopria, Canon PRINT Business, and uniFLOW Online

Fonts
PCL fonts: 93 Roman, 10 Bitmap fonts, 2 OCR fonts,
　　　　　 Andalé Mono WT J/K/S/T*1 (Japanese, Korean,
　　　　　 Simplified and Traditional Chinese), Barcode fonts*2
PS fonts: 136 Roman

*1 Requires optional PCL INTERNATIONAL FONT SET-A1
*2 Requires optional BARCODE PRINTING KIT-D1

Operating System
UFRII: Windows® 8.1/10/Server2012/Server2012 R2/
　　　　Server2016/Server2019, Mac OS X (10.11 or later)
PCL: Windows® 8.1/10/Server2012/Server2012 R2/
　　　Server2016/Server2019
PS: Windows® 8.1/10/Server2012/Server2012 R2/
　　　Server2016/Server2019, Mac OS X (10.11 or later)
PPD: Windows® 8.1/10, Mac OS X (10.10 or later)

Copy Specifications

Copy Speed (BW and CL)
iR-ADV DX C5870i up to : 70 ppm (A4, A5*, A5R, A6R*),
　　　　　　　　　　　　　 36 ppm (A3), 42 ppm (A4R)
iR-ADV DX C5860i up to : 60 ppm (A4, A5*, A5R, A6R*),
　　　　　　　　　　　　　 32 ppm (A3), 36 ppm (A4R)
iR-ADV DX C5850i up to : 50 ppm (A4, A5*, A5R, A6R*),
　　　　　　　　　　　　　 27 ppm (A3), 30 ppm (A4R)
iR-ADV DX C5840i up to : 40 ppm (A4, A5*, A5R, A6R*),
　　　　　　　　　　　　　 21 ppm (A3), 24 ppm (A4R)

*1-sided only

First-Copy-Out Time (A4, BW/CL)
iR-ADV DX C5870i: Approx. 2.7/3.7 seconds or less
iR-ADV DX C5860i: Approx. 2.9/4.2 seconds or less
iR-ADV DX C5850i: Approx. 3.4/4.9 seconds or less
iR-ADV DX C5840i: Approx. 4.1/6.1 seconds or less

Copy Resolution (dpi) 600 x 600

Multiple Copies Up to 999 copies

Copy Density Automatic or Manual (9 Levels)

Magnification
Variable zoom: 25% to 400% (1% Increments)
Preset reduction/enlargement: 25%, 50%, 61%, 70%, 81%, 86%, 100% (1:1), 115%, 122%, 141%, 200%, 400%

Scan Specifications

Type
Single-pass Duplexing Automatic Document Feeder*
[2-sided to 2-sided (Automatic)]
* Detect Feeder Multi Sheet Feed is supported.

Document Feeder Paper Capacity (80gsm)
Up to 200 Sheets

Acceptable Originals and Weights
Platen: Sheet, Book and 3-Dimensional Objects
Document Feeder media weights (BW, CL):
　　　　1-sided scanning: 38 to 220 gsm
　　　　2-sided scanning: 38 to 220 gsm

*An acceptable weight of A6R or smaller is 50 to 220gsm.

Supported Media Sizes
Platen scanning size: 297.0 x 431.8 mm
Document Feeder media size:
A3, A4, A4R, A5, A5R, A6R, B4, B5, B5R, B6R
Custom size: 70.0 x 139.7 mm to 304.8 x 431.8 mm

Scan Speed (A4, BW/CL)
1-sided Scanning(ipm) :135/135 (300 x 300 dpi, send),
80/80 (600 x 600 dpi, copy)
2-sided Scanning (ipm) : 270/270 (300 x 300 dpi, send),
160/90 (600 x 600 dpi, copy)

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

Pull Scan Spec
Color Network ScanGear2. For both TWAIN and WIA
Supported OS: Windows® 8.1/10/Server2012/Server2012
R2/Server 2016

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)/One-touch (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
E-mail/I-Fax : 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

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)	400x400 (Ultra Fine),
	200x400 (Super Fine),
	200x200 (Fine),
	200x100 (Normal)

Sending/Receiving Size
Sending : A3, A4, A4R, A5[1], A5R[1], B4, B5[2], B5R[1]
Receiving : A3, A4, A4R, A5R, B4, B5, B5R
*1 Sent as A4 *2 Sent as B4 short

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
100 User Inboxes, 1 Memory RX Inbox,
50 Confidential Fax Inboxes
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

Advanced Box available disc space
Approx. 16GB (Standard)
Approx. 480GB (with option)

Security Specifications

Authentication and Access Control
User Authentication (Picture Login, Picture and PIN
Login, Card Login, Username and Password Login, Function
Level Login, Mobile Login)
Department ID Authentication (Department ID and PIN
Login, Function Level Login)
uniFLOW Online Express (PIN Login, Picture Login, Picture
and PIN Login, Card Login, Card and PIN Login, Username
and Password Login, Department ID and PIN Login,
Function Level Login)
Access Management System (Access Control)

Document Security
Print Security (Secure Print, Encrypted Secure Print,
Forced Hold Printing, uniFLOW Secure Print[1])
Receive Data Security (Confidential Fax Inbox Forwarding
Received Documents Automatically)

Scan Security (Encrypted PDF, Device Signature PDF/
XPS, User Signature PDF/XPS, Adobe LiveCycle® Rights
Management ES2.5 Integration)
BOX Security (Mail Box Password Protected, Advanced
Box Access Control)
Send Data Security (Setting for requesting password
input per transmission, Restricted E-mail/File send
functions, Confirming FAX number, Allow/Restrict Fax
Driver Transmissions, Allow/Restrict Sending from History,
S/MIME Support)
Document Tracking (Secure Watermark)
*1 Requires uniFLOW Online/uniFLOW

Network Security
TLS 1.3, IPSec, IEEE802.1X authentication, SNMP V3.0,
Firewall Functionality (IP/MAC Address Filtering), Dual
Network Support (Wired LAN/Wireless LAN, Wired LAN/
Wired LAN), Disabling Unused Functions (Enabling/
Disabling Protocols/Applications, Enabling/Disabling
Remote UI, Enabling/Disabling USB Interface), G3 FAX
separation from LAN, USB Port separation from LAN,
Prohibit the execution of files stored in Advanced Box in the
MFP, Scan and Send -Virus Concerns for E-mail Reception

Device Security
Protecting SSD Data [SSD Data Encryption (FIPS140-2
Validated), SSD Lock], Standard SSD Initialize, Trusted
Platform Module (TPM), Job Log Conceal Function,
Protecting MFD Software Integrity, Checking MFD Software
Integrity (Verify System at Startup, Runtime Intrusion
Detection), HCD-PP

Device Management and Auditing
Administrator Password, Digital Certificate And Key
Management, Audit Log, Cooperating with External
Security Audit System (Security Information and Event
Management), Image Data Logging, Security Policy
Setting

Environment Specifications

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

Power Requirements
Power Source: 220-240 V, 50/60 Hz, 6 A

Power Consumption
Maximum: Approx. 2,000 W (iR-ADV DX C5870i)
Approx. 1,800 W (iR-ADV DX C5860i/C5850i/
C5840i)
Copying (with DADF continuous scan): Approx. 943 W[1]
Standby: Approx. 53.4W[1]
Sleep mode: Approx. 0.8 W [2]
*1 Reference Value: measured one unit
*2 0.8W is not available in all circumstances due to certain settings.

Consumables

Toner NPG-83 Toner BK/C/M/Y
NPG-83L Toner C/M/Y

Toner Yield (Estimated Yield @5% Coverage)
NPG-83 Toner BK : 71,000 pages
NPG-83 Toner C/M/Y : 60,000 pages
NPG-83L Toner C/M/Y : 26,000 pages

Software and Printer Management

Tracking and reporting
Universal Login Manager (ULM)
uniFLOW Online Express

Remote Management Tools
iW Management Console
eMaintenance
Content Delivery System

Scanning Software
Network ScanGear

Optimisation Tools
Canon Driver Configuration Tool

Platform
MEAP (Multifunctional Embedded Application Platform)

Document Publishing
iW DESKTOP

Paper Supply Options

Cassette Feeding Unit-AQ1
Paper Capacity : 550 Sheets x 2(80gsm)
Paper Type : Thin, Plain, Heavy, Color, Recycled,
Pre-punched, Transparency, Bond,
Letterhead
Paper Size : A3, A4, A4R, A5, A5R, A6R, B4, B5, B5R
Custom Size : 98.0 x 148.0 mm to 304.8 x 457.2mm
Paper Weight : 52 to 256 gsm

Dimensions : 620 mm x 660 mm x 251 mm
(W x D x H) (attached to the main unit)
Weight : Approx. 22 kg

High Capacity Cassette Feeding Unit-C1
Paper Capacity : 2,450 sheets (80gsm)
Paper Type : Thin, Plain, Heavy, Color, Recycled,
Pre-punched, Bond, Letterhead
Paper Size : A4
Paper Weight : 52 to 256 gsm
Power Source : From the Main Unit
Dimensions : 620 mm x 660 mm x 251 mm
(W x D x H) (attached to the main unit)
Weight : Approx. 29 kg

Paper Deck Unit-F1
Paper Capacity : 2,700 sheets (80gsm)
Paper Type : Thin, Plain, Heavy, Color, Recycled,
Pre-punched
Paper Size : A4, B5
Paper Weight : 52 to 256 gsm
Power Source : From the Main Unit
Dimensions : 344 mm x 630 mm x 440 mm
(W x D x H) (attached to the main unit)
Weight : Approx. 31 kg

Hardware Accessories

Card Readers
IC CARD READER BOX FOR NUMERIC KEYPAD-A1
COPY CARD READER-F1
COPY CARD READER ATTACHMENT-B7

Others
TAB FEEDING ATTACHMENT KIT-F1
UTILITY TRAY-B1
BUFFER PASS UNIT-P1
NUMERIC KEYPAD-A2

Security Options

Data Security
250GB SSD-A1
1TB SSD-A1
MEMORY MIRRORING KIT-A1

System and Controller Options

Print Accessories
PCL INTERNATIONAL FONT SET-A1
PCL ASIAN FONT SET-A1
PS PRT KIT-BE1

Barcode Printing
BARCODE PRINTING KIT-D1

EFI-Fiery Based Controller
imagePASS-R1

EFI-Fiery Based Controller Options
FIERY IMPOSE
FIERY COMPOSE
FIERY IMPOSE AND COMPOSE
HOT FOLDERS LICENSE

System Accessories
COPY CONTROL INTERFACE KIT-A1
SERIAL INTERFACE KIT-K3
CONNECTION KIT-A3 FOR BLUETOOTH LE
NFC KIT-E2

FAX Accessories
SUPER G3 FAX BOARD-AX1
SUPER G3 2ND LINE FAX BOARD-AX1
SUPER G3 3RD/4TH LINE FAX BOARD-AX1
REMOTE FAX KIT-A1
IP FAX EXPANSION KIT-B1

Other Options

Accessibility Accessories
ADF ACCESS HANDLE-A1
VOICE GUIDANCE KIT-G1
VOICE OPERATION KIT-D1

Staple Cartridge
STAPLE-P1
STAPLE CARTRIDGE-Y1

For full specifications, please refer to the specification
table on your local Canon web site.

MAIN CONFIGURATION OPTIONS

BOOKLET FINISHER-AB1
- 2-tray, 3,250-sheet capacity
- Corner and double stapling up to 50 sheets (80gsm)
- Booklet-making up to 20 sheets and non-staple saddle folded capacity up to 3 sheets (A3/A4R)
- Supports ECO-Staple 8 sheets (80gsm) and Staple-on-Demand 50 sheets (80gsm)
- Supports optional external 2/3 Hole Puncher unit-A1 and 2/F4 Hole Puncher Unit-A1

STAPLE FINISHER-AB1
- 2-tray, 3,250-sheet capacity
- Corner and double stapling up to 50 sheets (80gsm)
- Supports ECO-Staple 8 sheets (80gsm) and Staple-on-Demand 50 sheets (80gsm)
- Supports optional external 2/3 Hole Puncher unit-A1 and 2/F4 Hole Puncher Unit-A1

INNER 2 WAY TRAY-M1
- 2-tray, 350-sheet capacity
- Separates copies, prints and faxes
- Adds a second internal output tray

BUFFER PASS UNIT-P1
- Inner tray, 100-sheet capacity
- Transports paper to external finisher

INNER FINISHER-L1*
- 2-tray, 545-sheet capacity
- Corner and double stapling up to 50 sheets (80gsm)
- Supports ECO-Staple 8 sheets (80gsm) and Staple-on-Demand 40 sheets (80gsm)
- Supports optional Inner 2/3 Hole Puncher-D1 and Inner 2/F4 Hole Puncher –D1

*not compatible with iR-ADV DX C5870i
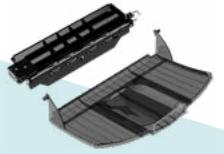
3RD COPY TRAY KIT-A1
- 100-sheet capacity

PAPER DECK UNIT-F1
- Supports A4 and B5
- Media weight 52-256 gsm
- 2,700 sheets (80 gsm)

CASSETTE FEEDING UNIT-AQ1
- Supports up to A3
- Media weight 52-256gsm
- 2 x 550 sheets (80gsm)

HIGH CAPACITY CASSETTE FEEDING UNIT-C1
- Supports A4
- Media weight 52-256gsm
- 2,450 sheets (80gsm)

imagePASS-R1 (Embedded)
PDL	· PCL/Adobe®PostScript®3™
MEMORY	· 4GB/500GB
SYSTEM	· FS400

- Delivers fast processing speed, outstanding image quality, and time-saving workflow
- Integrates print production workflows with EFI™ management information systems, Web-to-Print systems, and popular prepress workflows for end-to-end automation

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V² COLOUR

CANON GENUINE TONER, CARTRIDGE & PARTS

Adobe® PostScript® 3™

Partner/Dealer Stamp

To arrange for a demonstration, simply contact any of our offices below.

SOUTH & SOUTHEAST ASIA
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