imageRUNNER | C5870i C5850i ADVANCE DX | C5860i C5840i



Character of Character

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.

Canon

- 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

- V² (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 Standard: 5.0GB RAM

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

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 Standard 1 x 100-sheet multi-purpose tray 2 x 550-sheet cassette 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*

: Collate, Group Standard

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 Free size : COM 10 No 10, Monarch, ISO-C5, DL Envelopes Envelope custom size : 98.0 x 90.0 mm to 320.0 x 457.2 mm

Upper Cassette:

Upper Casserte: 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 : COM10 No.10, Monarch, DL, ISO-C5 Envelopes

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 From Sleep Mode : 4 Seconds or less^{*1} iR-ADV DX C5870i: 7 Seconds or less iR-ADV DX C5860i/C5850i/C5840i : 6 Seconds or less : 6 Seconds or less*2 From Power On

Time from device power-on to when the copy icon appears and is enabled to operate on the touch panel display.
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 iR-ADV DX C5840i	: Approx. 107 kg : 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 (A4, 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 x1.200

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

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

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

*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)

Maanification 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 220asm

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

TIFF, JPEG, PDF (Limited Color, Compact, Standard: 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 Super G3 : 33.6 kbps G3 : 14.4 kbps Modem Speed **Compression Method** MH, MR, MMR, JBIG 400x400 (Ultra Fine), Resolution (dpi) 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
 Receiving : A3, A4, A4R, *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, Superior 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/ Wired EAN, Disabiling Orbitabiling Andread Stabiling Protocols /Applications, Enabling/Disabiling Remote UI, Enabling/Disabiling 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 Lo, 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 20 to 80 % RH (Relative Humidity) 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 W 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 (W x D x H)	: 620 mm x 660 mm x 251 mm (attached to the main unit)

: Àpprox. 22 kg

Weight

High Capacity Cassette Feeding Unit-C1

aper Capacity	1	2,450 sheets (80gsm)
aper Type	:	Thin, Plain, Heavy, Color, Recycled,
		Pre-punched, Bond, Letterhead
aper Size	:	A4
aper Weight	:	52 to 256 gsm
ower Source	:	From the Main Unit
imensions	:	620 mm x 660 mm x 251 mm

 $(W \times D \times H)$ (attached to the main unit)

Weight : Approx. 29 kg

Paper Deck Unit-F1

Po

P Po

Po D

Weight

Paper Capacity	:	2,700 sheets (80qsm)
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

- : 344 mm x 630 mm x 440 mm Dimensions $(W \times D \times H)$
 - (attached to the main unit) : Approx. 31 kg

Hardware Accessories

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

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-BE1E

Barcode Printing BARCODE PRINTING KIT-D1

EFI-Fiery Based Controller imagePÁSS-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-F2

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





Adobe® PostScript® 3®

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

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