



The imageRUNNER ADVANCE 4800i series aims to improve workflow efficiency through high productivity and excellent operability. Cloud based output solutions further enhances efficiency by providing greater flexibility in the dynamic office environment.



WORKFLOW EFFICIENCY

- Intuitive touchscreen provides users with smartphone-like usability, making navigation a breeze.
- Industry leading Single-Pass document feeder option to allow 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 Recovery wakes device from sleep mode when user is approaching device via motion sensor technology.
- 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.

QUALITY AND RELIABILITY

- Canon's signature reliability and engine technologies contribute to high-quality output to meet the needs of busy department.
- State-of-the-art imaging technologies and toner allow for consistent images in rich black-and-white tones and 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.
- Standard PCL and optional Adobe PostScript 3 print driver allows seamless integration with enterprise applications.
- Remote diagnostics allow timely, accurate and effective resolution.
- 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.
- Ensure device is safe from unknown firmware installation with system verification at startup.
- Integrate with third-party solutions for complete monitoring

MACHINE SPECIFICATION

MAIN UNIT

TypeA3 Monochrome 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 Touch panel

Memory Main CPU Side · 2GB Image Processing CPU Side : 1GB + 0.5GB

Storage

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

Network

1000Base-T/100Base-TX/10Base-T, Standard: Wireless LAN (IEEE 802.11 b/g/n) Optional: Bluetooth Low Energy

Others

Standard: USB 2.0 x1 (Host), USB 3.0 x1 (Host),

USB 2.0 x1 (Device)

Optional: Serial Interface, Copy Control Interface

Paper Supply Capacity (A4, 80gsm)

1,200 sheets (2x 550-sheet cassettes, 1x 100-sheet multi-purpose tray)

Maximum: 3,650 sheets (with High Capacity Cassette

Feeding Unit-E1)

Paper Output Capacity (A4, 80gsm) Standard : 250 Sheets

Maximum : 3,450 Sheets (with Staple Finisher-AE1 or Booklet Finisher-AE1 and Copy Tray-T2)

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, Heavy', Recycled, Coated', Colour, Tracing, Bond, Label, Pre-punched, Letterhead, Envelope

* SRA3 is not supported for Coated (257-300gsm) and Heavy (257-300gsm) paper

Upper Cassette:

Thin, Plain, Heavy, Recycled, Colour, Bond, Pre-punched, Letterhead, Envelope

Lower Cassette:

Thin, Plain, Heavy, Recycled, Colour, Bond, Pre-punched, Letterhead, Envelope

* Envelope Feeder Attachment A (standard) is required.

Supported Media Sizes

Multi-Purpose Tray: Standard size: SRA3, A3, A4, A4R, A5, A5R, A6R, B4, B5, B5R 98.4 x 139.7 mm to 320.0 x 457.2 mm 100.0 x 148.0 mm to 304.8 x 457.2 mm COM10 No.10, Monarch, ISO-C5, DL Custom Size:

Envelope: Envelope custom size: 98.0 x 98.0 mm to 320.0 x 457.2 mm

Upper Cassette:

Standard size : A4, A5, A5R, A6R, B5 Custom size : 105.0 x 148.0 mm to 297.0 x 215.9 mm Envelope : ISO-C5

Lower Cassette:

Standard size : A3, A4, A4R, A5, A5R, A6R, B4, B5, B5R Custom size : 105.0 x 148.0 mm to 304.8 x 457.2 mm Envelopes* : COM10 No.10, Monarch, DL

Supported Media Weights

Multi-purpose tray : 52 to 300 gsm* Upper/Lower Cassette : 52 to 256 gsm : 52 to 220 gsm

* SRA3 is not supported for Coated (257-300gsm) and Heavy (257-300gsm) paper. Supported paper weight with Media Adjustment Kit-A1: 60-300 gsm

Warm-up Time (Quick start mode: ON) Quick Startup Mode : 4 seconds or less⁺ : 4 seconds or less* : 10 Seconds or Less From Sleep Mode From Power On : 10 Seconds or Less'

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)

With Platen Cover-Y3 : 565 x 692 x 788 mm : 565 x 722 x 897 mm With Single Pass DADF-C1 With DADF-BA1 : 565 x 719 x 891 mm

Installation Space (W x D)

Basic: 978 x 1,119 mm (with Single Pass DADF-C1 + right door & multi-purpose tray opened + paper cassette

opened) 978 x 1,116 mm (with DADF-BA1 + right door & multipurpose tray opened + paper cassette open)

Fully Configured:

1,651 x 1,119 mm (with Single Pass DADF-C1 + Staple Finisher-AE1/Booklet Finisher-AE1 + Copy Tray-T2 extended + paper cassette open)

1,651 x 1,116 mm (with DADF-BA1 + Staple Finisher-AE1/Booklet Finisher-AE1 + Copy Tray-T2 extended + paper cassette open)

Weight (including toner)
With Platen Cover-Y3:

: Approx. 62.0 kg With Single Pass DADF-C1: Approx. 75.0 kg
With DADF-BA1: Approx. 69.0 kg

Printing Specifications

Print Speed (BW, 1-sided)

iR-ADV DX 4845i: Up to 45 ppm (A4, A5, A5R, A6R), Up to 22 ppm (A3), Up to 32 ppm (A4R)

iR-ADV DX 4835i: Up to 35 ppm (A4, A5, A5R, A6R),

Up to 17 ppm (A3), Up to 23 ppm (A4R) iR-ADV DX 4825i: Up to 25 ppm (A4, A5, A5R, A6R) ,

Up to 15 ppm (A3), Up to 20 ppm (A4R)

Print Resolution (dpi): 1,200 x 600, 1,200 x 1,200 (half-speed)

Page Description Languages Standard : UFR II, PCL 6 : Adobe PostScript 3 Optional

Direct Print (RUI)

Supported file types: PDF, EPS, TIFF/JPEG, and XPS

Printing From Mobile and CloudAirPrint, Mopria, Canon PRINT Business, uniFLOW Online and Universal Print

Fonts

PS fonts: 136 Roman

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

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

Operating System

UFRII: Windows® 8.1/10/11/Server 2012/Server 2012 R2/ Server 2016/Server 2019/Server 2022, Mac OS X (10.11 or later)

Windows® 8.1/10/11/Server 2012/Server 2012 R2/

Server 2016/Server 2019/Server 2022 Windows® 8.1/10/11/Server 2012/Server 2012 R2/ Server 2016/Server 2019/Server 2022, Mac OS X

(10.11 or later)
PPD: Windows® 8.1/10/11, MAC OS X (10.11 or later)

Copy Specifications

Copy Speed (BW, 1-sided) iR-ADV DX 4845i: Up to 45 ppm (A4, A5, A5R, A6R),

Up to 22 ppm (A3),

Up to 32 ppm (A4R) iR-ADV DX 4835i: Up to 35 ppm (A4, A5, A5R, A6R), Up to 17 ppm (A3),

Up to 23 ppm (A4R) iR-ADV DX 4825i: Up to 25 ppm (A4, A5, A5R, A6R) , Up to 15 ppm (A3) , Up to 20 ppm (A4R)

First-Copy-Out Time (A4)

iR-ADV DX 4845i : 4.6 seconds iR-ADV DX 4835i : 5.5 seconds iR-ADV DX 4825i : 6.1 seconds

Copy Resolution (dpi) 600 x 600 **Multiple Copies** Up to 9,999 copies

Copy Density Automatic or Manual (9 Levels) Magnification

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

Scan Specifications

Type Standard

: Colour Flatbed Scan Unit : Platen Cover Type-Y3, Single Pass DADF-C1* or DADF-BA1 [2-sided to 2-sided (Automatic Optional

with DADF)]

* Detect Feeder Multi Sheet Feed is supported Document Feeder Paper Capacity (80gsm)

Single Pass DADF-C1 : up to 200 sheets DADF-BA1 : up to 100 sheets : up to 100 sheets

Acceptable Originals and Weights

Platen: Sheet, Book, and 3-Dimensional objects

Document Feeder media weight: SINGLE PASS DADF-C1*:
1-sided scanning: 38 to 220 gsm (BW, CL)
2-sided scanning: 38 to 220 gsm (BW, CL)
*Acceptable weights of A6R or smaller is 50 to 220gsm.

1-sided scanning : 38 to 128 gsm (BW), 64 to 128 gsm (CL) 2-sided scanning : 50 to 128 gsm (BW), 64 to 128 gsm (CL)

Supported Media Sizes

Platen: max. scanning size: up to 297.0 x 431.8 mm Single Pass DADF-C1: A3, A4, A4R, A5, A5R, A6R, B4, B5,

Custom size: 69.9 x 139.7 mm to 304.8 x 431.8 mm

DADF-BA1: A3, A4, A4R, A5, A5R, B4, B5, B5R, B6, Custom size: 139.7 x 128 mm to 297.0 x 431.8 mm

Scan Speed (ipm: BW/CL; A4) Single Pass DADF-C1:

1-sided Scanning: 135/135 (300 x 300 dpi, send),

80/80 (600 x 600 dpi, copy) 2-sided Scanning: 270/270 (300 x 300 dpi, send), 160/90 (600 x 600 dpi, copy)

DADF-BA1:

70/70 (300 x 300 dpi, send), 1-sided Scanning:

51/51 (600 x 600 dpi, copy) 2-sided Scanning: 35/35 (300 x 300 dpi, send), 25.5/25.5 (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 Specifications Colour Network ScanGear2. For both TWAIN and WIA Supported OS: Windows® 8.1/10/11 Server 2012/Server 2012

R2/Server 2016/Server 2019/Server 2022

Send Specifications

Destination

Standard : E-mail/Internet FAX (SMTP), SMB 3.1.1, 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

: FTP (TCP/IP), SMB3.1.1 (TCP/IP), WebDAV

E-mail/i-Fax : SMTP (send), POP3 (receive)

File Format

Standard : TIFF, JPEG, PDF (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 Super G3:33.6 kbps Modem Speed : 14.4 kbps G3

Compression Method MH, MR, MMR, JBIG

Resolution (dpi):

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

Sending/Recording Size

: A3, A4, A4R, A5*¹, A5R*¹, B4, B5*², B5R*¹ : A3, A4, A4R, A5R, B4, B5, B5R Sending

Receiving

*1 Sent as A4 *2 Sent as B4 short

Up to 30,000 pages (2,000 jobs) FAX Memory

Speed Dials Max. 200 Group Dials/Destinations Max. 199 dials Sequential Broadcast Max. 256 addresses

Memory Backup

Store Specifications

Mail Box (Number supported)

100 User Inboxes, 1 Memory RX Inbox, 50 Confidential Fax Inboxes Maximum 30,000 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

Standard: 16GB (With option: max. 480GB)

Security Specifications

Authentication

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 PINLogin, 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*

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

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 TLS1.3, IPSec, IEEE802.1X authentication, SNMP V3.0, Firewall Functionality (IP/MAC Address Filtering), WPA3 The Wall in Lictural (In Mac Address The High, Wind Support (Wi-Fi), Dual Network Support (Wired LAN/ Wireless LAN, Wired LAN/ Wireless LAN, Wired LAN/ Wireless LAN, Wired LAN/ Wireless LAN, Wisabling Protocols/Applications, Enabling/Disabling Remote UI, Enabling/Disabling USB Interface), Communication Line Separation (G3 FAX, USB Port, Advanced Space, 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 MFP Software Integrity, Checking MFD Software Integrity (Verify System at Startup, Runtime Intrusion Deposition). Company Citizain Cartification (MCD PP) Detection), Common Criteria Certification (HCD-PP) (available at a later schedule)

Device Management and AuditingAdministrator 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

Environmental Specifications

Operating Environment Temperature: 10 to 30 °C

Humidity: 20 to 80 % RH (Relative Humidity)

Power Source 220-240V, 50-60Hz, 5A

Power Consumption

Maximum: Approx.1,500W Copying (with DADF continuous scan): Approx. 666 W*1

Standby: Approx. 45.5 W*1 Sleep mode: Approx. 0.8 W*2

Reference Value (measured one unit)

*2 0.8 W sleep mode is not available in all circumstances due to certain settings.

Consumables

Toner Cartridge NPG-86 Toner BK Toner Yield (Estimated Yield @6% Coverage) : 42,000 pages

Software and Printer Management

Tracking and Reporting Universal Login Manager (ULM) uniFLOW Online Express/uniFLOW Online

Remote Management Tools iW Management Console eMaintenance Content Delivery System

Scanning Software Color Network ScanGear 2

Optimisation Tools Canon Driver Configuration Tool

MEAP (Multifunctional Embedded Application Platform)

Document Publishing

Paper Supply Options

CASSETTE FEEDING UNIT - AW1
Paper Capacity : 550 Sheets x 2 (80gsm) Paper Type Thin, Plain, Recycled, Colour, Heavy, Bond, Transparency, Pre-punched,

Letterhead

A3, A4, A4R, A5, A5R, A6R, B4, B5, B5R 105.0 x 148.0 mm to 304.8 x 457.2 mm Paper Size Custom size

52 to 256 gsm From the Main Unit Paper Weight Power Source Dimensions (WxDxH) 565 x 635 x 248 mm Weight Approx. 16.0 kg

HIGH CAPACITY CASSETTE FEEDING UNIT -E1

Paper Capacity Paper Type : 2,450 sheets (80 gsm) : Thin, Plain, Recycled, Colour, Heavy,

Bond, Pre-punched, Letterhead A4

Paper Size Paper Weight 56 to 256 gsm : From the Main Unit : 565 x 650 x 248 mm Power Source Dimensions (WxDxH) Weight Approx. 28.0 kg

Hardware Accessories

Card Readers

COPY CARD READER-F1

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

Others

SINGLE PASS DADF-C1 DADF-BA1 PLATEN COVER Y3 UTILITY TRAY-B1 NUMERIC KEYPAD-A2 MEDIA ADJUSTMENT KIT-A1

Security Options

Data Security

MEMORY MIRRORING KIT-A1

250GB SSD-A1 (USAGE WITH MEMORY MIRRORING KIT-A1)

System and Controller Options

Print Accessories PCL INTERNATIONAL FONT SET-A1 PS PRINTER KIT-BG1 BARCODE PRINTING KIT-D1

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

Fax Accessories

SUPER G3 FAX BOARD-BH1 SUPER G3 2ND LINE FAX BOARD-BH1 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 Cartridges STAPLE-P1 STAPLE CARTRIDGE-Y1

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

MAIN CONFIGURATION **OPTIONS**





PLATEN COVER Y3

• Single document scanning

DADF-BA1

- Multiple document scanning
- 100-sheet duplexing
- automatic document feeder

 Scans up to 70 ipm
 (1-sided, 300dpi) and 35ipm (2-sided, 300dpi)

SINGLE-PASS DADF-C1

- Multiple document scanning
- 200-sheet duplexing automatic document feeder
- Scans up to 135 ipm (1-sided, 300 dpi) and 270 ipm (2-sided, 300 dpi)



BOOKLET FINISHER-AE1

- 2-tray, 3,250 -sheet capacity
- Corner and double stapling up to 50 sheets (80 gsm)
- Booklet-making up to 20 sheets and non-staple saddle folded capacity up to 3 sheets (A3/A4R)
 • Supports ECO-Staple
- 8 sheets (80 gsm) and Staple-On-Demand 50 sheets (80 gsm)
- Support optional external 2/3H PUNCHER UNIT-A1 and 2/F4H PUNCHER UNIT-A1



INNER 2 WAY TRAY-M1

- Separates copies, prints and faxes
- Adds a second internal output tray



- Corner and double stapling up to 50 sheets (80 gsm)
- Supports ECO-Stapling 8 sheets (80 gsm) and Staple-On-Demand 40 sheets (80 gsm)
- Supports optional Inner 2/3H Puncher-D1 and 2/F4H Puncher-D1









STAPLE FINISHER-AE1

- 2-tray, 3,250 -sheet capacity
- Corner and double stapling up to 50 sheets (80 gsm)
- Supports ECO-Staple 8 sheets (80 gsm) and Staple-On-Demand 50 sheets (80 gsm)
- Support optional external 2/3H PUNCHER UNIT-A1 and 2/F4H PUNCHER UNIT-A1



HIGH CAPACITY CASSETTE FEEDING UNIT-E1

- Supports up to A4
- Media weight 52 -256 gsm
- 2,450 sheets (80gsm)



additional media supply

METAL PEDESTAL 38

Raises the device, no

CASSETTE FEEDING **UNIT-AW1**

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









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

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