imageRUNNER
ADVANCE DX
4845i/4835i/4825i

Canon

Delighting You Always

Enhanced user experience with improved productivity

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.

Business Can Be Simple

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 protection.

MACHINE SPECIFICATION

MAIN UNIT

Type
A3 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)

Interface Connection
Network
Standard : 1000Base-T/100Base-TX/10Base-T,
Wireless LAN (IEEE 802.11 b/g/n)
Optional : Bluetooth Low Energy
Others
Standard : USB 2.0 x 1 (Host), USB 3.0 x 1 (Host),
USB 2.0 x 1 (Device)
Optional : Serial Interface, Copy Control Interface

Paper Supply Capacity (A4, 80gsm)
Standard : 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
Custom Size: 98.4 x 139.7 mm to 320.0 x 457.2 mm
Free size: 100.0 x 148.0 mm to 304.8 x 457.2 mm
Envelope: COM10 No.10, Monarch, ISO-C5, DL
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
* Envelope Attachment A (standard) is required.

Supported Media Weights
Multi-purpose tray : 52 to 300 gsm*
Upper/Lower Cassette: 52 to 256 gsm
Duplex : 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+
From Sleep Mode : 10 Seconds or Less
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
With Single Pass DADF-C1 : 565 x 722 x 897 mm
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 & multi-
purpose 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
Optional : Adobe PostScript 3

Direct Print (RUI)
Supported file types: PDF, EPS, TIFF/JPEG, and XPS

Printing From Mobile and Cloud
AirPrint, 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)
PCL: Windows® 8.1/10/11/Server 2012/Server 2012 R2/
Server 2016/Server 2019/Server 2022
PS: 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
Optional   : Platen Cover Type-Y3, Single Pass DADF-C1*
or DADF-BA1 [2-sided to 2-sided (Automatic 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

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.

DADF-BA1:
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, B5R, B6R,
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:
1-sided Scanning : 70/70 (300 x 300 dpi, send),
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
File   : 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
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/Recording 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 (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 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),WPA3
support (Wi-Fi), 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), 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
Detection), Common Criteria Certification (HCD-PP)
(available at a later schedule)

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

Environmental Specifications

Operating Environment
Temperature: 10 to 30 ℃
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

*1   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

Platform
MEAP (Multifunctional Embedded Application Platform)

Document Publishing
IW DESKTOP

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

HIGH CAPACITY CASSETTE FEEDING UNIT -E1
Paper Capacity   : 2,450 sheets (80 gsm)
Paper Type   : Thin, Plain, Recycled, Colour, Heavy,
Bond, Pre-punched, Letterhead
Paper Size   : A4
Paper Weight   : 56 to 256 gsm
Power Source   : From the Main Unit
Dimensions (WxDxH) : 565 x 650 x 248 mm
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
1TB SSD-A1
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

UTILITY TRAY-B1

INNER FINISHER-L1
- 2-tray, 545-sheet capacity
- 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)

CASSETTE FEEDING UNIT-AW1
- Supports up to A3
- Media weight 52 -256 gsm
- 2 x 550 sheets (80gsm)

METAL PEDESTAL 38
Raises the device, no additional media supply

Partner / Dealer Stamp

e Maintenance

CANON **GENUINE** TONER, CARTRIDGE & PARTS

Adobe PostScript

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

SOUTH & SOUTHEAST ASIA REGIONAL HEADQUARTERS

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