

imageRUNNER ADVANCE DX 4900 Series

Print up to 45 ppm (BW)

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

Print up to 12" × 18"

3,650-sheet maximum paper capacity

Canon's comprehensive portfolio of imageRUNNER ADVANCE 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.

Black-and-white
Mid-volume
Multifunction



WORKFLOW EFFICIENCY

- A large, 10.1" responsive and intuitive touchscreen with smartphone-like usability, making operation clear and virtually seamless.
- Consistent interface across the imageRUNNER ADVANCE DX product line, allowing work to proceed effortlessly and with a minimal learning curve.
- A unique, customized experience that can be tailored to individual preferences using My ADVANCE.
- Supports mobile solutions and integration with many popular cloud services like Google Drive.*
- 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.
- Easily scan to, and print from, cloud services or email directly from the device User Interface.*



SECURITY

- Advanced standard security feature set to help safeguard sensitive information and assist in regulatory compliance.
- Integrates with existing, third-party SIEM** 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 setup. Includes automatic recovery of boot process for self resiliency.
- Trellix™ Embedded Control³ utilizes whitelisting to help protect against malware and tampering of firmware and applications.
- Security settings can be established at one time by selecting the environment type in Recommended Security Settings. Security policy settings can be 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 V² color profile.
- Designed to achieve maximum uptime with status notifications that help keep supplies replenished and intuitive maintenance videos for consumables replacement.
- imageRUNNER ADVANCE models have received many awards and recognition from leading industry analysts, often referencing strong reliability. This includes the 2022-2024 BLI Most Reliable A3 Brand Award from Keypoint Intelligence.

* Optional Cloud Connector term license required.
** 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

Implement the optional uniFLOW Online cloud-based solution⁵ for full accounting and reporting for compatible Canon and third-party devices. Features include the following:

- Track and assess print, copy, and scan 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.
- A centralized dashboard with up-to-the-minute insights into printer activity.

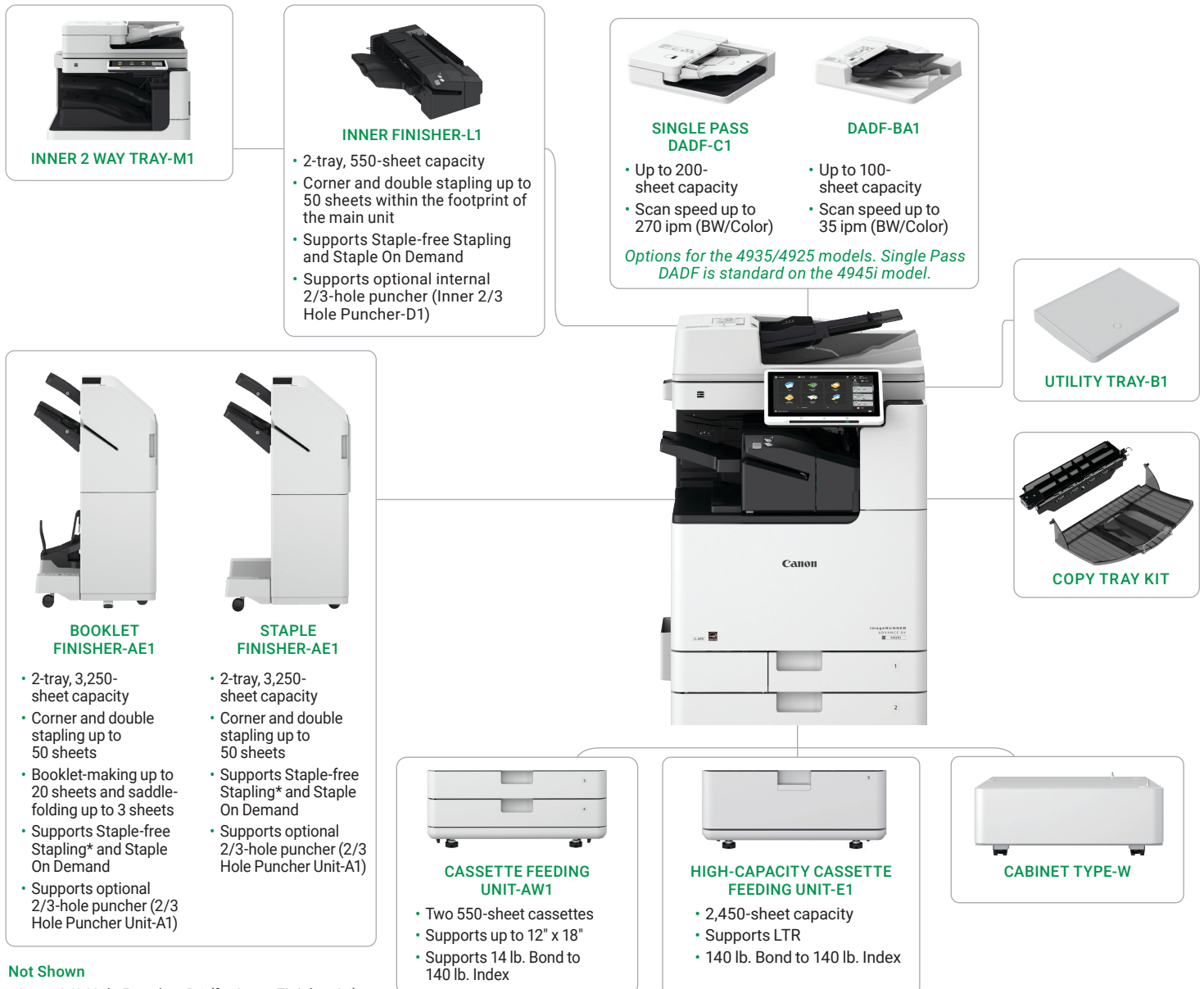


SUSTAINABILITY

- A combination of fusing technologies and lower-melting-point toner minimizes power requirements and helps achieve low energy consumption.
- Cardboard is now utilized as a sustainable packaging solution.
- Drum covers are constructed of regrind plastic, lowering environmental impact.
- ENERGY STAR® Certified, Rated EPEAT® Gold and EPEAT Climate+.⁶

CONFIGURATION OPTIONS

imageRUNNER ADVANCE DX 4900 Series



Not Shown

- Inner 2/3 Hole Puncher-D1 (for Inner Finisher-L1)
- 2/3 Hole Puncher Unit-A1 (for External Finishers)
- Platen Cover Type-Y3

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

Main Unit

Type

Monochrome Laser Multifunctional

Core Functions

Standard: Print, Copy, Scan, Send, Store
Optional: Fax

Processor

1.8 GHz Dual Core Processor

Control Panel

10.1" TFT LCD WSVGA Color Touch-panel

Memory

3.5 GB RAM

Solid State Drive

Standard: 256 GB
Maximum: 1 TB

Print Resolution

1200 dpi x 1200 dpi

Interface Connection

Network

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

Others

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

Paper Capacity (LTR, 20 lb. Bond)

Standard: 1,200 Sheets
Maximum: 3,650 Sheets

Paper Sources (LTR, 20 lb. Bond)

Standard: Two 550-sheet Paper Cassettes,
100-sheet Stack Bypass
Optional: High-Capacity Cassette Feeding Unit-E1
(2,450 sheets)

Paper Output Capacity (LTR, 20 lb. Bond)

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 Finishers: Collate, Group, Offset, Staple,
Saddle-Stitch, Hole Punch, Staple-Free
Stapling, Staple On Demand

Supported Media Types

Upper: Thin, Plain, Heavy, Recycled, Color, Bond,
Cassette: Pre-punched, Letterhead, Envelope
Multi-purpose: Thin, Plain, Heavy, Recycled, Coated,
Tray: Color, Tracing, Bond, Label, Pre-punched,
Letterhead, Envelope

Supported Media Sizes

Upper: Standard size: Letter, Executive,
Cassette: Statement-R
Custom Size: 4-1/8" x 5-7/8" to 11-3/4" x
8-1/2" (105.0 mm x 148.0 mm to 297.0 mm
x 215.9 mm)
Envelopes: ISO-C5
Lower: Standard size: 12" x 18", 11" x 17", Legal,
Cassette: Letter, Letter-R, Executive, Statement-R
Custom Size: 4-1/8" x 5-7/8" to 12" x 18"
(105.0 mm x 148.0 mm to 304.8 mm x
457.2 mm)
Envelopes²: COM10 No.10, Monarch, DL
Multi-purpose: Standard size: 12"x18", 11"x17", Legal,
Tray: Letter, Letter-R, Executive, Statement,
Statement-R
Custom size: 3-7/8" x 5-1/2" to 12-5/8" x
18" (98.4 mm x 139.7 mm to 320.0 mm x
457.2 mm)
Free size: 4" x 5-7/8" to 12" x 18" (100.0 mm x
148.0 mm to 304.8 mm x 457.2 mm)
Envelopes: COM10 No.10, Monarch,
ISO-C5, DL
Envelope custom size: 3-7/8" x 3-7/8" to
12-5/8" x 18" (98.0 mm x 98.0 mm to 320.0
mm x 457.2 mm)

Supported Media Weights

Upper/Lower: Cassette: 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 (One-sided)

4945i: Up to 45 ppm (Letter), Up to 22 ppm
(Legal/11"x17"), Up to 32 ppm (Letter-R)
4935i: Up to 35 ppm (Letter), Up to 17 ppm
(Legal/11"x17"), Up to 23 ppm (Letter-R)
4925i: Up to 25 ppm (Letter), Up to 15 ppm
(Legal/11"x17"), Up to 20 ppm

Warm-up Time

From Power On: Approx. 10 Seconds or Less⁸
From Sleep: Mode: Approx. 10 Seconds⁹
Quick Startup: Mode: Approx. 4 Seconds¹⁰

Dimensions (W x D x H)

With Platen Cover-Y3: 22-1/4" x 27-1/4" x 31"
(565 mm x 692 mm x 788 mm)
With Single Pass DADF-C1: 22-1/4" x 28-1/2" x 35-3/8"
(565 mm x 722 mm x 897 mm)
With DADF-BA1: 22-1/4" x 28-3/8" x 35-1/8"
(565 mm x 719 mm x 891 mm)

Installation Space (W x D)

Basic: 38-1/2" x 44-1/8" (978 mm x 1119 mm)
(with Single Pass DADF-C1 + right door
and multipurpose tray opened + paper
cassette opened)
38-1/2" x 45" (978 mm x 1116 mm) (with
DADF-BA1 + right door and multipurpose
tray opened + paper cassette open)
65" x 44-1/8" (1651 mm x 1119 mm)
Fully Configured: (with Single Pass DADF-C1 + Staple
Finisher-AE1/Booklet Finisher-AE1 +
Copy Tray-T2 extended + paper cassette
open) 1651 mm x 1116 mm (with DADF-BA1
+ Staple Finisher-AE1/Booklet Finisher-AE1
+ Copy Tray-T2 extended + paper
cassette open)

Weight¹¹

With Platen Cover-Y3: Approx. 134.5 lb. (61 kg)
With Single Pass DADF-C1: Approx. 163.1 lb. (74 kg)
With DADF-BA1: Approx. 149.9 lb. (68 kg)

Print Specifications

Standard Page Description Languages

UFR II, PCL[®]6, Adobe[®]PS[®]3

Supported File Types for Direct Print

PDF, TIFF, JPEG, EPS, XPS

Printing from Mobile Devices and Cloud-based Services

A range of standard and optional software and MEAP-
based solutions (including Cloud Connector, 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),¹² Barcode Fonts¹³
PS: 136 Roman

Operating System¹⁴

UFR II: Windows[®] 8.1/10/11/Server2012/
Server2012 R2/Server2016/Server2019/
Server2022, Mac OS X (10.11 or later)
PCL: Windows[®] 8.1/10/11/Server2012/
Server2012 R2/Server2016/Server2019/
Server2022
PS: Windows[®] 8.1/10/11/Server2012/
Server2012 R2/Server2016/Server2019/
Server2022, Mac OS X (10.11 or later)
PPD: Windows[®] 8.1/10/11, Mac OS X (10.11
or later) As of Jan. 2022

Copy Specifications

First-Copy-Out Time (Letter)

4945i: As fast as 4.6 seconds
4935i: As fast as 5.5 seconds
4925i: As fast as 6.1 seconds

Copy Resolution (dpi)

600 x 600

Multiple Copies

Up to 9,999 Copies

Copy Exposure

Automatic or Manual (9 Levels)

Magnification

25%-400% (1% Increments)

Preset Reduction/Enlargement

25%, 50%, 64%, 73%, 78%, 100% (1:1), 121%, 129%,
200%, 400%

Scan Specifications

Type

Standard: Color Platen
Optional: Platen Cover-Y3, Single Pass DADF-C1¹⁵ or
DADF-BA1 [2-sided to 2-sided (Automatic with DADF)]

Document Feeder Paper Capacity

Single Pass DADF: Up to 200 Sheets
DADF: Up to 100 Sheets

Document Feeder Supported Media Sizes

11" x 17", Legal, Letter, Letter-R, Statement, Statement-R

Document Feeder Supported Media Weights

Single Pass DADF-C1
Single-sided: 13.3 lb. Bond to 80 lb. Cover
Scanning: (50 to 220 g/m²)
Double-sided: 13.3 lb. Bond to 80 lb. Cover (50 to 220
Scanning: g/m²)
DADF-BA1
Single-sided: 13.3 lb. Bond to 34 lb. Bond (50 to 128
Scanning: g/m²) (BW), 17 lb. Bond to 34 lb. Bond
(64 to 128 g/m²) (CL)
Double-sided: 13.3 lb. Bond to 34 lb. Bond (50 to 128
Scanning: g/m²) (BW), 17 lb. Bond to 34 lb. Bond
(64 to 128 g/m²) (CL)

Platen Acceptable Originals

Sheet, Book, 3-Dimensional Objects

Platen Supported Media Size

Up to 11-3/4" x 17" (297 mm x 431.8 mm)

Pull Scan

Color Network ScanGear2 for both Twain and WIA
Supported OS: Windows[®] 8.1/10/11/Server2012/Server2012
R2/Server 2016/Server 2019/Server 2022

Scan Resolution (dpi)

Push: Up to 600 x 600
Pull: Up to 600 x 600

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 Pass DADF-C1
Single-sided Scanning
BW/Color: 135/135 (300 x 300 dpi, send),
80/80 (600 x 600 dpi, copy)
Double-sided Scanning
BW/Color: 270/270 (300 x 300 dpi, send),
160/160 (600 x 600 dpi, copy)

DADF-BA1

Single-sided Scanning
BW/Color: 70/70 (300 x 300 dpi, send),
51/51 (600 x 600 dpi, copy)
Double-sided Scanning
BW/Color: 35/35 (300 x 300 dpi, send),
25.5/25.5 (600 x 600 dpi, copy)

Send Specifications

Destination

Standard: Email/Internet FAX (SMTP), SMB 3.1.1, FTP, WebDAV, Mail Box
Optional: Super G3 FAX, IP Fax
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), SMB3.1.1 (TCP/IP), WebDAV
Email/Fax: SMTP (Send), POP3 (Receive)

File Format

TIFF (MMR), JPEG¹⁶, PDF (Compact, OCR (Text Searchable), Optimize PDF for Web, Format to PDF/A-1b, Trace & Smooth, Encrypt), XPS (Compact), PDF/XPS (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 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 (Windows 10/11)
Concurrent Connections (Max.):
SMB: 64
WebDAV: 3 (Active Sessions)

Advanced Box Available Disk Space

Approx. 16 GB (Standard HDD)
Approx. 480 GB (With Optional 1 TB HDD)

Memory Media

Standard: USB

Security Specifications

Authentication

Standard: Universal Login Manager, User Authentication, Department ID Authentication, Access Management System, Device and Function Level Log-in
Optional: uniFLOW and uniFLOW Online⁵

Data

Standard: Protecting SSD Data [SSD Data Encryption (FIPS140-3 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, Automatic Recovery, Runtime Intrusion Detection with Trellix Embedded Control), Common Criteria Certification (HCD-PP) (pending confirmation)³
Optional: Hard Disk Drive Mirroring, IEEE 2600.2 Common Criteria Certification

Network

Standard: TLS 1.3, IPsec, IEEE802.1X authentication, SNMP V3.0, Firewall Functionality (IP/MAC Address Filtering), Dual Network Support, 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 Email Reception)
Optional: WPA3 support (Wi-Fi), (Wired LAN/Wireless LAN, Wired LAN/Wired LAN)

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 Environment

Temperature: 50 to 86 °F
Humidity: 20 to 80% RH (Relative Humidity)

Power Requirements

110 - 127 V 60 Hz, 8.5 A

Power Consumption

Maximum: Approx. 1,500 W
Copying (with DADF continuous scan): Approx. 649 W (110 - 127 V)

Sleep Mode: Approx. 0.8 W¹⁷
Typical Electricity Consumption (TEC) Rating¹⁸

4945i: 0.45 kWh
4935i: 0.34 kWh
4925i: 0.24 kWh

Standards

ENERGY STAR Certified
Rated EPEAT® Gold and EPEAT Climate+.⁶

Consumables

Toner

GPR-67 Toner BK

Toner Yield (Estimated @ 6% Coverage)

Black: 44,500 Pages

¹ Subscription to a third-party cloud service required. Subject to third-party cloud service provider's 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 Requires uniFLOW Online or uniFLOW. uniFLOW is available for education and government customers with prior approval.

⁶ For current EPEAT rating (Gold/Silver/Bronze), please visit www.epeat.net.

⁷ Envelope Attachment A (standard) is required.

⁸ Time from device power-on until copy ready (not print reservation).

⁹ Time from exiting Sleep mode to when printing is operational.

¹⁰ Time from device power on to when the copy icon appears and is enabled to operate on the touch panel display.

¹¹ Includes toner.

¹² Requires the optional PCL International Font Set-A1.

¹³ Requires the optional Barcode Printer Kit-D1.

¹⁴ 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.

¹⁵ Detect Feeder Multi Sheet Feed is supported.

¹⁶ Single-Page only.

¹⁷ 0.8 W Sleep mode not available in all circumstances due to certain settings.

¹⁸ Based on ENERGY STAR Product Specification for Imaging Equipment Version 3.0.

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