imageRUNNER ADVANCE DX 4900 Series

**Black-and-white
Mid-volume
Multifunction**

Print up to 45 ppm (BW)

Scan up to 270 ipm (300 dpi) (BW/colour, 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.

WORKFLOW EFFICIENCY

- 10.1" intuitive touchscreen with smartphone-like usability.

- A unique, customized experience tailored to individual preferences using My ADVANCE.

- Supports mobile solutions and integration with many popular cloud services like Google Drive.[1]

- 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.

- Hot Folders allow users to drag and drop a file into a hot folder, and automatically print with predefined settings such as number of copies and finishing requirements.

SECURITY

- Integrates with existing, third-party SIEM*[2] systems to help provide real-time, comprehensive insights into potential threats to the network and printers.

- Automatic recovery of the boot process if it was attacked or compromised. Meets industry guidelines for system self resiliency (NIST SP800-193).

- McAfee Embedded Control[3] utilizes whitelisting to help protect against malware and tampering of firmware and applications. Intrusion and tampering attempts are now visible on the LUI through a status control screen.

- Security settings can be controlled with a single-touch via Canon's Recommended Security Settings. Configure security policy settings from a central location, and export 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 crisp text and consistent images in rich black-and-white tones.

- Designed to achieve maximum uptime with status notifications to help keep supplies replenished and intuitive maintenance videos for consumables replacement.

- imageRUNNER ADVANCE DX models have received many awards and recognition from leading industry analysts, often referencing strong reliability.

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

- Track and assess print, copy, scan, and fax 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.
- Standard cloud-based solution provides a centralized dashboard with up-to-the-minute insights into printer activity.
- Upgrade to uniFLOW server or cloud-based solutions for full accounting and reporting for compatible Canon and third-party devices, pull printing, job routing, and powerful scan workflows.
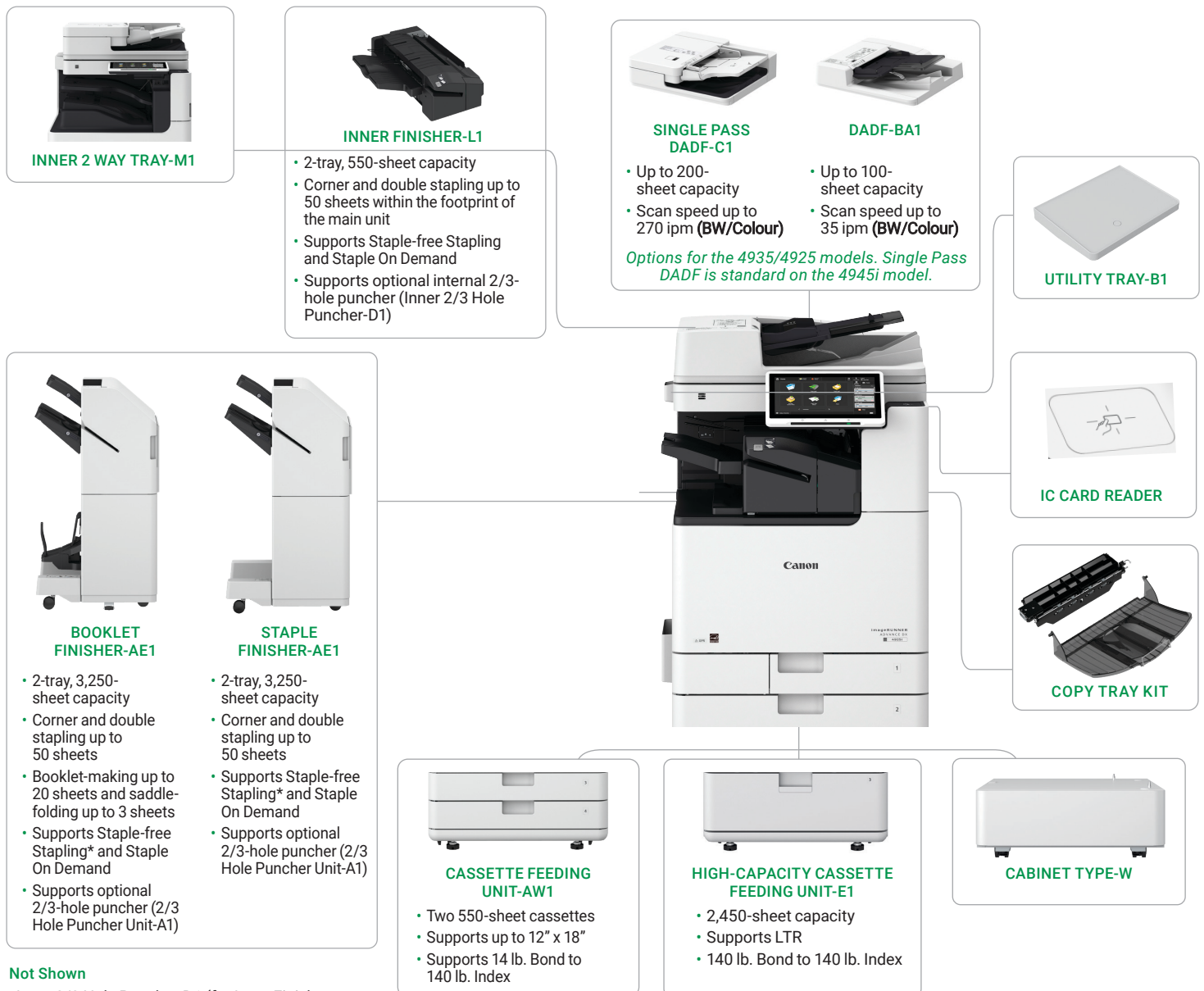
SUSTAINABILITY

- A combination of fusing technologies and lower-melting-point toner minimizes power requirements and helps achieve low energy consumption.
- Environmentally friendly packaging utilizes 100% recyclable cardboard.
- Drum covers are now constructed of regrind plastic, lowering environmental impact.
- ENERGY STAR® certified

CONFIGURATION OPTIONS — imageRUNNER ADVANCE DX 4900 Series

INNER 2 WAY TRAY-M1

INNER FINISHER-L1
- 2-tray, 550-sheet capacity
- Corner and double stapling up to 50 sheets within the footprint of the main unit
- Supports Staple-free Stapling and Staple On Demand
- Supports optional internal 2/3-hole puncher (Inner 2/3 Hole Puncher-D1)

SINGLE PASS DADF-C1
- Up to 200-sheet capacity
- Scan speed up to 270 ipm **(BW/Colour)**

DADF-BA1
- Up to 100-sheet capacity
- Scan speed up to 35 ipm **(BW/Colour)**

Options for the 4935/4925 models. Single Pass DADF is standard on the 4945i model.

UTILITY TRAY-B1

IC CARD READER

COPY TRAY KIT

BOOKLET FINISHER-AE1
- 2-tray, 3,250-sheet capacity
- Corner and double stapling up to 50 sheets
- Booklet-making up to 20 sheets and saddle-folding up to 3 sheets
- Supports Staple-free Stapling* and Staple On Demand
- Supports optional 2/3-hole puncher (2/3 Hole Puncher Unit-A1)

STAPLE FINISHER-AE1
- 2-tray, 3,250-sheet capacity
- Corner and double stapling up to 50 sheets
- Supports Staple-free Stapling* and Staple On Demand
- Supports optional 2/3-hole puncher (2/3 Hole Puncher Unit-A1)

CASSETTE FEEDING UNIT-AW1
- Two 550-sheet cassettes
- Supports up to 12" x 18"
- Supports 14 lb. Bond to 140 lb. Index

HIGH-CAPACITY CASSETTE FEEDING UNIT-E1
- 2,450-sheet capacity
- Supports LTR
- 140 lb. Bond to 140 lb. Index

CABINET TYPE-W

Not Shown
- Inner 2/3 Hole Puncher-D1 (for Inner Finisher-L1)
- 2/3 Hole Puncher Unit-A1 (for External Finishers)

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

Supported Media Sizes
Upper Cassette: Standard size: Letter, Executive, 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 Cassette: Standard size: 12" x 18", 11" x 17", Legal, 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)
                 Envelopes[6]: COM10 No.10, Monarch, DL
Multi-purpose Tray: Standard size: 12"x18", 11"x17", Legal, 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 Less[7]
From Sleep Mode: Approx. 10 Seconds[8]
Quick Startup Mode: Approx. 4 Seconds[9]

Dimensions (W x D x H)
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)
Fully Configured: 65" x 44-1/8" (1651 mm x 1119 mm) (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)

Weight[10]
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 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),[11] Barcode Fonts[12]
PS: 136 Roman

Operating System[13]
UFRII: 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: Colour Platen
Optional: Single Pass DADF-C1[14] 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 Scanning: 13.3 lb. Bond to 80 lb. Cover (50 to 220 g/m²)
 Double-sided Scanning: 13.3 lb. Bond to 80 lb. Cover (50 to 220 g/m²)
DADF-BA1
 Single-sided Scanning: 13.3 lb. Bond to 34 lb. Bond (50 to 128 g/m²) (BW), 17 lb. Bond to 34 lb. Bond (64 to 128 g/m²) (CL)
 Double-sided Scanning: 13.3 lb. Bond to 34 lb. Bond (50 to 128 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
Colour 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/Colour: 135/135 (300 x 300 dpi, send), 80/80 (600 x 600 dpi, copy)
 Double-sided Scanning
  BW/Colour: 270/270 (300 x 300 dpi, send), 160/160 (600 x 600 dpi, copy)
DADF-BA1
 Single-sided Scanning
  BW/Colour: 70/70 (300 x 300 dpi, send), 51/51 (600 x 600 dpi, copy)
 Double-sided Scanning
  BW/Colour: 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

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), JPEG[15], 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 SSD)
Approx. 480 GB (With Optional 1 TB SSD)

Memory Media
Standard: USB

Security Specifications

Authentication
Standard: Universal Login Manager, uniFLOW Online Express,[16] User Authentication, Department ID Authentication, Access Management System, Device and Function Level Log-in
Optional: uniFLOW, uniFLOW Online

Data
Standard: 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, Automatic Recovery, Runtime Intrusion Detection), Common Criteria Certification (HCD-PP) (pending confirmation)[3] Hard Disk Drive Mirroring, IEEE 2600.2
Optional: 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 ºF
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 W[17]
Typical Electricity Consumption (TEC) Rating[5]
  4945i: 0.45 kWh
  4935i: 0.34 kWh
  4925i: 0.24 kWh

Standards
ENERGY STAR® Certified

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] **Based on ENERGY STAR Product Specification for Imaging Equipment Version 3.0.**
[6] Envelope Attachment A (standard) is required.
[7] Time from device power-on until copy ready (not print reservation).
[8] Time from exiting Sleep mode to when printing is operational.
[9] Time from device power on to when the copy icon appears and is enabled to operate on the touch panel display.
[10] Includes toner.
[11] Requires the optional PCL International Font Set-A1.
[12] Requires the optional Barcode Printer Kit-D1.
[13] 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.

[14] Detect Feeder Multi Sheet Feed is supported.
[15] Single-Page only.
[16] No charge for this solution; however, activation is required.
[17] 0.8 W Sleep mode not available in all circumstances due to certain settings.

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