imageRUNNER ADVANCE DX 4800 Series

Black-and-white
Mid-volume
Multifunction

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.

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

- Advanced standard security feature set to help safeguard sensitive information and assist in regulatory compliance.

- Integrates with existing, third-party SIEM*,[2] 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 startup. McAfee Embedded Control[3] utilizes a whitelist to protect against malware and tampering of firmware and applications.

- Security policy settings can be controlled with a dedicated password, 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 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.

* 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

- 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.
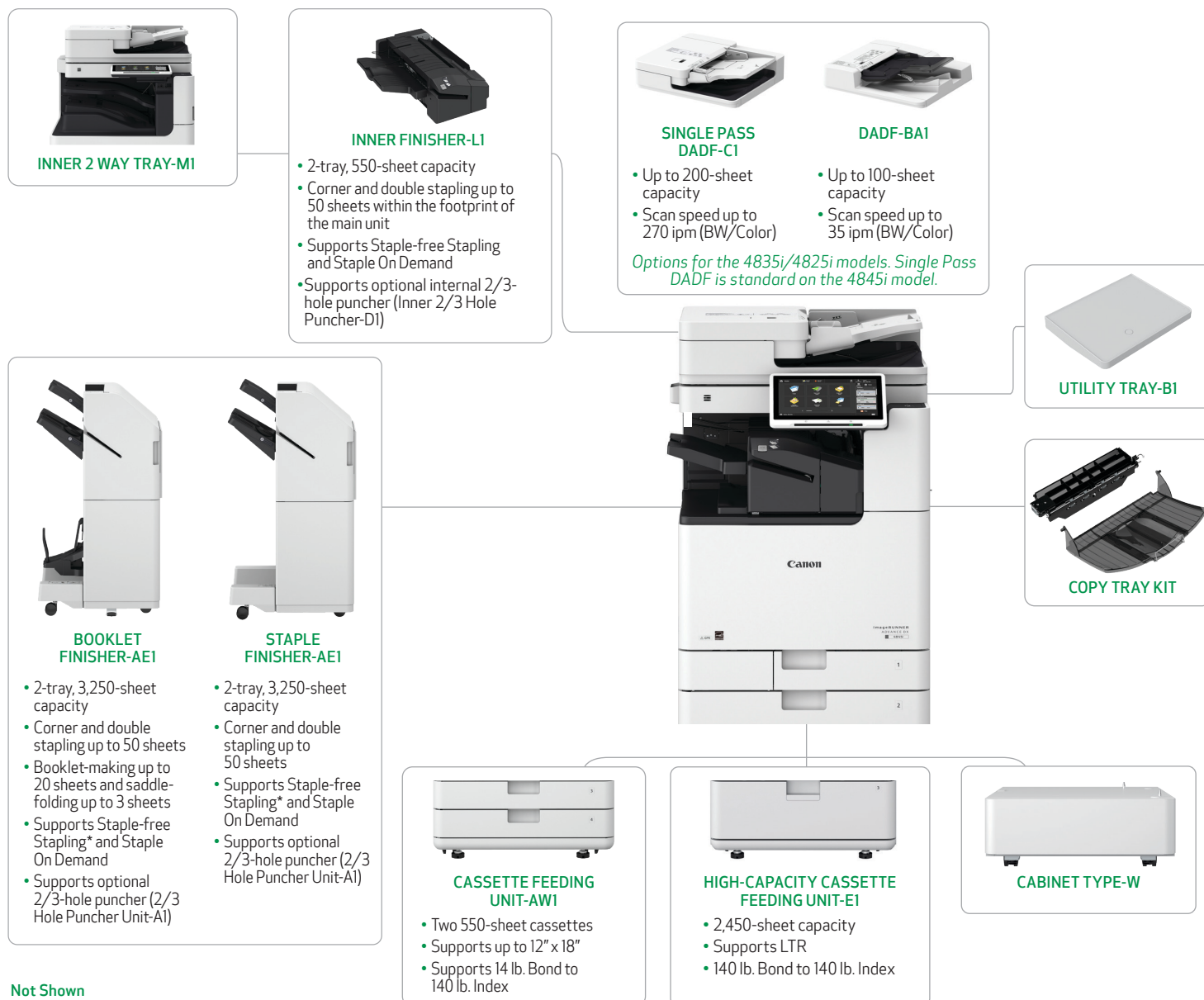
SUSTAINABILITY

- A combination of fusing technologies and low-melting-point toner minimizes power requirements and helps achieve low energy consumption.
- Encourage environmentally-conscious work practices by enabling multiple settings that can help save paper and energy.
- ENERGY STAR® certified and rated EPEAT® Gold.[5]

CONFIGURATION OPTIONS — imageRUNNER ADVANCE DX 4800 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/Color)

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

Options for the 4835i/4825i models. Single Pass DADF is standard on the 4845i model.

UTILITY TRAY-B1

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)
- 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, 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: 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
 3,450 Sheets (with Staple Finisher-AE1 or
Maximum: 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, Color, Bond, Pre-punched, Letterhead, Envelope
Multi-purpose Tray: Thin, Plain, Heavy, Recycled, Coated, Color, 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)
4845i: Up to 45 ppm (Letter), Up to 22 ppm (Legal/11"x17"), Up to 32 ppm (Letter-R)
4835i: Up to 35 ppm (Letter), Up to 17 ppm (Legal/11"x17"), Up to 23 ppm (Letter-R)
4825i: 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 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 opened)
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 Platen Cover-Y3: Approx. 134.5lb. (61 kg)
With Single Pass DADF-C1: Approx. 163.1lb. (74 kg)
With DADF-BA1: Approx. 149.9lb. (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)
4845i: As fast as 4.6 seconds
4835i: As fast as 5.5 seconds
4825i: 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-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
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), 160/90 (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, 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
(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 10,000 Pages (2,000 Jobs) Stored

Advanced Box
Communication Protocol: SMB or WebDAV Supported
Client PC: Windows (Windows 8.1/10)
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, uniFLOW Online Express,[15] User Authentication, Department ID Authentication, Access Management System, Device and Function Level Log-in
Optional: uniFLOW

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, Runtime Intrusion Detection), Common Criteria Certification (HCD-PP) (pending confirmation)[3]
Optional: Hard Disk Drive Mirroring, IEEE 2600.2 Common Criteria Certification, Data Loss Prevention (Requires uniFLOW)

Network
Standard: 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 Email Reception)

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)
Standby: Approx. 37.8 W (110 - 127 V)[16]
Sleep Mode: Approx. 0.8 W[17]
Typical Electricity Consumption (TEC) Rating[18]
4845i: 0.48 kWh
4835i: 0.37 kWh
4825i: 0.27 kWh

Standards
ENERGY STAR® Certified
Rated EPEAT® Gold[5]

Consumables

Toner
GPR-64 Toner BK

Toner Yield (Estimated @ 6% Coverage)
Black: 42,000 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] For current EPEAT rating (Gold/Silver/Bronze), please visit www.epeat.net.
[6] Envelope Attachement 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] No charge for this solution; however, activation is required.
[16] Reference Value (measured one unit).
[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.

usa.canon.com

WJS ENTERPRISES, INC.
759 Hill Street
Jefferson, LA 70121
(504) 837-5666
www.wjsenterprises.com
11725 Industriplex Blvd, #3
Baton Rouge, LA 70809
(225) 752-0957

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