Canon
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imageRUNNER ADVANCE
4551i/4545i
4535i/4525i III

imageRUNNER ADVANCE 4500 III Series

Black-and-White | Mid-Volume | Multifunction

- Print up to 51 ppm (BW)
- Scan up to 160 ipm (300 dpi) (BW/color, duplex)
- Print up to 11" x 17"
- 6,350-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.

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 startup. McAfee Embedded Control[2] 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.[3]

* Security Information and Event Management

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.

CANON SEE IMPOSSIBLE

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.[4]

CONFIGURATION OPTIONS



INNER 2 WAY TRAY-L1



INNER FINISHER-J1

- 2-tray, 545-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-C1)



SINGLE PASS DADF-A1

- 150-sheet capacity
- Scan speed up to 160 ipm (BW/Color)



DADF-AV1

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

Options for 4535i III/4525i III models. Single Pass DADF is standard on 4551i III/4545i III models.





UTILITY TRAY-B1



BOOKLET FINISHER-Y1

- 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 internal 2/3-hole puncher (2/3 Hole Puncher Unit-A1)



STAPLE FINISHER-Y1

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



BUFFER PASS UNIT-N1



PAPER DECK UNIT-F1

- 2,700-sheet capacity
- Supports LTR
- 14 lb. Bond to 140 lb. Index



CASSETTE FEEDING UNIT-AN1

- Two 550-sheet Cassettes
- Supports up to 11" x 17"
- 16 lb. Bond to 34 lb. Bond



HIGH-CAPACITY CASSETTE FEEDING UNIT-B1

- 2,450-sheet capacity
- Supports LTR
- 16 lb. Bond to 34 lb. Bond



CABINET TYPE-Q

Not Shown

- Inner 2/3 Hole Puncher-C1 (for Inner Finisher-J1)
- 2/3 Hole Puncher Unit-A1 (for External Finishers)
- Platen Cover Type-W

SPECIFICATIONS

Main Unit

Type
Monochrome Laser Multifunctional

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

Processor
Canon Dual Custom Processor (Shared)

Control Panel
10.1" TFT LCD WSVGA Color Touch-panel

Memory
3.0 GB RAM

Hard Disk Drive
Standard: 250 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: NFC, Bluetooth Low Energy
Others
Standard: USB 2.0 x2 (Host), USB 3.0 x1 (Host), USB 2.0 x1 (Device)
Optional: Serial Interface, Copy Control Interface

Paper Capacity (LTR, 20 lb. Bond)
Standard: 1,200 Sheets
Maximum: 6,350 Sheets

Paper Sources (LTR, 20 lb. Bond)
Standard: Two 550-sheet Paper Cassettes, 100-sheet Stack Bypass
Optional: Two 550-sheet Paper Cassettes (Cassette Feeding Unit-AN1), 2,450-sheet Paper Deck (High Capacity Cassette Feeding Unit-B1), 2,700-sheet Paper Deck (Paper Deck Unit-F1)

Paper Output Capacity (LTR, 20 lb. Bond)
Standard: 250 Sheets
Maximum: 3,350 Sheets (with External Finishers)

Finishing Capabilities
Standard: Collate, Group
With Inner Finisher: Collate, Group, Offset, Staple, Hole Punch,[5] Staple-Free Staple, Staple On Demand
With External Finisher: Collate, Group, Offset, Staple, Booklet,[6] Staple-Free Staple, Staple On Demand, Hole Punch[7]

Supported Media Types
Paper Cassettes: Thin, Plain, Recycled, Color, Heavy, Pre-punched
Stack Bypass: Thin, Plain, Recycled, Color, Heavy, Pre-punched, Bond, Transparency, Label, Envelope

Supported Media Sizes
Paper Cassette (1): Legal, Letter, Letter-R, Executive, Statement-R, Custom Size (5-1/2" x 7-1/8" to 11-3/4" x 15-3/8")
Paper Cassette (2): 11" x 17", Legal, Letter, Letter-R, Executive, Statement-R, Custom Size (5-1/2" x 7-1/8" to 11-3/4" x 17")
Stack Bypass: 11" x 17", Legal, Letter, Letter-R, Executive, Statement-R, Envelope [No.10 (COM10), Monarch, DL, ISO-C5], Custom Size (3-7/8" x 5-7/8" to 11-3/4" x 17")

Supported Media Weights
Paper Cassettes: 16 lb. Bond to 34 lb. Bond (60 to 128 g/m^2)
Stack Bypass: 14 lb. Bond to 80 lb. Cover (52 to 220 g/m^2)
Duplexing: 16 lb. Bond to 28 lb. Bond (60 to 105 g/m^2)

Warm-up Time
From Power On: Approx. 24 Seconds[8]
From Sleep Mode: Approx. 10 Seconds[9]
Quick Startup Mode: Approx. 4 Seconds[10]

Dimensions (W x D x H)
23-1/8" x 29-1/8" x 47" (587 mm x 740 mm x 1,193 mm)[11]

Installation Space (W x D)
Basic [With DADF (Stack Bypass and Cassette Drawers Open)]: 35" x 46-1/2" (889 mm x 1,182 mm)
Fully Configured [With ADF+Paper Deck Unit-F1+ Booklet Finisher-Y1 (Cassette Drawers Open)]: 71-3/8" x 50-3/8" (1,811 mm x 1,280 mm)

Weight
Approx. 240.3 lb. (109 kg)[12]

Print Specifications

Print Speed
4551i III: Up to 51 ppm (Letter); Up to 37 ppm (Letter-R); Up to 25 ppm (Legal); Up to 25 ppm (11" x 17")
4545i III: Up to 45 ppm (Letter); Up to 32 ppm (Letter-R); Up to 25 ppm (Legal); Up to 22 ppm (11" x 17")
4535i III: Up to 35 ppm (Letter); Up to 32 ppm (Letter-R); Up to 25 ppm (Legal); Up to 22 ppm (11" x 17")
4525i III: Up to 25 ppm (Letter); Up to 17 ppm (Letter-R); Up to 13 ppm (Legal); Up to 15 ppm (11" x 17")

Standard Page Description Languages
UFR II, PCL®6, Adobe® PS® 3

Direct Print
Available from USB, Advanced Box, Remote UI, and Web Access[13]

Supported File Types for Direct Print
PDF, TIFF, JPEG, EPS, XPS

Fonts
PCL Fonts: 93 Roman, 10 Bitmap fonts, 2 OCR fonts, Andalé Mono WT J/K/S/T (Japanese, Korean, Simplified and Traditional Chinese),[14] Barcode Fonts[15]
PS fonts: 136 Roman

Operating System[16]
UFRII: Windows Server 2008/Windows® 7/Server 2008 R2/Server 2012/Windows 8.1/Server 2012 R2/Windows 10/Server 2016, MAC OS X (10.9 or later)
PCL: Windows Server 2008/Windows 7/Server 2008 R2/Server 2012/Server 2012 R2/Windows 10/Server 2016
PS: Windows Server 2008/Windows 7/Server 2008 R2/Server 2012/Windows 8.1/Server 2012 R2/Windows 10/Server 2016, MAC OS X (10.9 or later)
PPD: MAC OS X (10.3.9 or later), Windows 7/Windows 8/Windows 8.1/Windows 10

Copy Specifications

Copy Speed
4551i III: Up to 51 ppm (Letter); Up to 37 ppm (Letter-R); Up to 25 ppm (Legal); Up to 25 ppm (11" x 17")
4545i III: Up to 45 ppm (Letter); Up to 32 ppm (Letter-R); Up to 25 ppm (Legal); Up to 22 ppm (11" x 17")
4535i III: Up to 35 ppm (Letter); Up to 32 ppm (Letter-R); Up to 25 ppm (Legal); Up to 22 ppm (11" x 17")
4525i III: Up to 25 ppm (Letter); Up to 17 ppm (Letter-R); Up to 13 ppm (Legal); Up to 15 ppm (11" x 17")

First-Copy-Out Time (Letter)
4551i III: As fast as 3.7 seconds
4545i III: As fast as 3.8 seconds
4535i III: As fast as 3.8 seconds
4525i III: As fast as 5.2 seconds

Copy Resolution (dpi)
Reading: Up to 600 x 600
Printing: 1200 x 1200

Multiple Copies
Up to 9,999 Copies

Copy Exposure
Automatic or Manual (9 Levels)

Magnification
25%-400% (1% Increments)

Preset Reductions
25%, 50%, 64%, 73%, 78%

Preset Enlargements
121%, 129%, 200%, 400%

Basic Copy Features
Preset Reduction/Enlargement Ratios by Area, Paper Setting, Previous Settings, Favorite Settings, Finishing, Two-Sided, Density Adjustment, Original Type Selection, Interrupt Mode, Setting Confirmation/Cancel

Special Copy Features
Book to Two Pages, Two-sided Original, Finishing, Booklet, Job Build, N on 1, Add Cover, Insert Sheets, Different-size Originals, Density Adjustment, Original Type Selection, Transparency Cover Sheets, Page Numbering, Copy Set Numbering, Sharpness, Erase Frame, Secure Watermark, Print Date, Shift, Gutter, Print & Check, Negative/Positive, Repeat Images, Merge Job Blocks, Job Done Notice, Mirror Image, Store in Mail Box, Superimpose Image, Cascade Copy, Copy ID Card, Detect Feeder Multi Sheet Feed, Free Size Original

Scan Specifications

Type
4551i III/4545i III: Standard Single Pass Duplexing Automatic Document Feeder
4535i III/4525i III: Optional Single Pass Duplexing Automatic Document Feeder or Duplexing Automatic Document Feeder or Platen Cover

Document Feeder Paper Capacity
Single Pass DADF-A1: 150 Sheets (20 lb. Bond)
DADF-AV1: 100 Sheets (20 lb. Bond)

Document Feeder Supported Media Sizes
11" x 17", Legal, Letter, Letter-R, Statement, Statement-R

Document Feeder Supported Media Weights
Single Pass DADF-A1
BW Original: 13 lb. Bond to 58 lb. Cover (50 to 157 g/m^2)
CL Original: 17 lb. Bond to 58 lb. Cover (64 to 157 g/m^2)
DADF-AV1
BW Original: 13 lb. Bond to 34 lb. Bond (50 to 128 g/m^2)
CL Original: 17 lb. Bond to 34 lb. Bond (64 to 128 g/m^2)

Platen Acceptable Originals
Sheet, Book, 3-Dimensional Objects [Height: Up to 2" (50mm); Up to 4.4 lb. (2 kg)]

Platen Supported Media Size
Max. scanning size: 11-3/4" x 17" (297 mm x 431.8 mm)

Pull Scan
Color Network ScanGear2 for both Twain and WIA
Supported OS: Windows 7/8.1/10
Windows Server 2008/Server 2008 R2/Server 2012/Server 2012 R2/Server 2016

Scan Resolution (dpi)
600 x 600, 400 x 400, 300 x 300, 200 x 400, 200 x 200, 200 x 100, 150 x 150, 100 x 100

Scan Speed (Letter)
Single Pass DADF-A1
Single-sided Scanning
BW: 80 ipm (300 dpi)/80 ipm (600 dpi)
Color: 80 ipm (300 dpi)
Double-sided Scanning
BW: 160 ipm (300 dpi)/150 ipm (600 dpi)
Color: 160 ipm (300 dpi)
DADF-AV1
Single-sided Scanning
BW: 70 ipm (300 dpi)/51 ipm (600 dpi)
Color: 70 ipm (300 dpi)
Double-sided Scanning
BW: 35 ipm (300 dpi)/25.5 ipm (600 dpi)
Color: 35 ipm (300 dpi)

Send Specifications

Destination
Email/Internet Fax (SMTP), SMB v3.0, FTP, WebDAV, Mail Box, Super G3 Fax (Optional), IP Fax (Optional)

Address Book
LDAP (2,000)/Local (1,600)/Speed dial (200)

Send Resolution (dpi)
600 x 600, 400 x 400, 300 x 300, 200 x 400, 200 x 200, 200 x 100, 150 x 150, 100 x 100

Communication Protocol
File: FTP (TCP/IP), SMB v3.0, WebDAV
Email: SMTP, POP3

File Format
Standard: TIFF, JPEG, PDF Device Signature (Encrypted, Compact, Searchable, Apply Policy, Optimize for Web, PDF A/1-b, Device Signature), XPS (Device Signature, Compact, Searchable), Office Open XML (PowerPoint®, Word)
Optional: PDF (User Signature, Trace & Smooth), XPS (User Signature)

Universal Send Features
Original Type Selection,Two-sided Original, Book to Two Pages, Different-size Originals, Density Adjustment, Sharpness, Copy Ratio, Erase Frame, Job Build, Delayed Send, Preview, Job Done Notice, File Name, Subject/Message, Reply-to, Email Priority, TX Report, Original Content Orientation, Skip Blank Originals, Detect Feeder Multi Sheet Feed

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

Speed Dials
Max. 200

Group Dials/Destinations
Max. 199 Dials

Sequential Broadcast
Max. 256 Addresses

Memory Backup
Yes

Fax Features
Original Type Selection, Two-sided Original, Book to Two Pages, Different-size Originals, Density for Scanning, Sharpness, Copy Ratio, Erase Frame, Job Build, Sender's Name (TTI), Select Line, Selecting the Telephone Line, Direct Send, Delayed Send, Preview, Job Done Notice, TX Report, Detect Feeder Multi Sheet Feed

Store Specifications

Mail Box (Number Supported)
100 User In-boxes, 1 Memory RX In-box, 50 Confidential Fax In-boxes, 30,000 Maximum Pages Stored

Advanced Box
Communication Protocol: SMB or WebDAV Supported
Client PC: Windows (Windows 7/8.1/10)
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)

Advanced Box Features
Authentication for Advanced Box Log-in, Sort Function, Printing a PDF File with a Password, imageWARE Secure Audit Manager Support

Memory Media
Standard: USB

Security Specifications

Authentication
Standard: Universal Login Manager, uniFLOW Online Express,[17] User Authentication, Department ID Authentication, Access Management System, Device and Function Level Log-in
Optional: uniFLOW

Data
Standard: Trusted Platform Module (TPM), Hard Disk Password Lock, Hard Disk Drive Erase, Mail Box Password Protection, Hard Disk Drive Encryption (FIPS140-2 Validated), Verify System at Startup, McAfee Embedded Control[2]
Optional: Hard Disk Drive Mirroring, Hard Disk Drive removal, IEEE 2600.2 Common Criteria Certification, Data Loss Prevention (Requires uniFLOW)

Network
Standard: Encrypted Secure Print, IP/Mac Address Filtering, IPsec, TLS Encrypted Communication, SNMP V3.0, IEEE 802.1X, IPv6, SMTP Authentication, POP Authentication before SMTP, S/MIME, SIEM Integration

Document
Standard: Secure Watermark, Secure Print, Forced Hold Printing, Adobe LiveCycle® Rights Management ES2.5 Integration, Encrypted PDF, Encrypted Secure Print, Device Signatures
Optional: User Signatures, Document Scan Lock

Environmental Specifications

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

Power Requirements
4551i III: 120-127 V AC, 60 Hz, 10.4 A
4545i III/4535i III: 120-127 V AC, 60 Hz, 9.3 A
4525i III: 120-127 V AC, 60 Hz, 7 A

Plug (Main Unit)
NEMA 5-15P

Power Consumption
Maximum: Approx. 1,500 W
Standby: Approx. 38 W[18]
Sleep Mode: Approx. 0.9 W[19]
Typical Electricity Consumption (TEC) Rating:
4551i III: 2.5 kWh
4545i III: 2.2 kWh
4535i III: 1.8 kWh
4525i III: 1.0 kWh

Standards
ENERGY STAR® Certified
Rated EPEAT® Gold[4]

Consumables

Toner
GPR-57 Toner BK

Toner Yield (Estimated @ 6% Coverage)
Black: 42,100 Images

[1] Subscription to a third-party cloud service required. Subject to third-party cloud service provider's terms and conditions.
[2] Requires Unified Firmware Platform v3.9.
[3] Requires additional option.
[4] For current EPEAT rating (Gold/Silver/Bronze), please visit www.epeat.net.
[5] Requires the optional Inner 2/3 Hole Puncher-C1.
[6] Booklet Finisher-Y1 only.
[7] Requires the optional 2/3 Hole Puncher Unit-A1.
[8] Time from device power-on, until copy ready (not print reservation).
[9] Time from exiting Sleep Mode to when printings is operational.
[10] Time from device power-on to when key orientations can be performed on the touch panel display.
[11] Includes Main Unit, Single Pass DADF-A1, and Cassette Feeding Unit-AN1.
[12] Includes Main Unit, Single Pass DADF-A1, Cassette Feeding Unit-AN1, and consumables.
[13] PDF print from Web sites is supported.
[14] Requires the optional PCL International Font Set-A1.
[15] Requires the optional Barcode Printer Kit-D1.
[16] 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.
[17] No charge for this solution; however activation is required.
[18] Reference Value (measured one unit).
[19] 0.9 W sleep mode not available in all circumstances due to certain settings.

For detailed specifications and a comprehensive list of optional accessories, see the imageRUNNER ADVANCE 4500i III Series Specifications document.

For more information, call or visit
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McAfee Embedded Control
CANON GENUINE TONER, CARTRIDGE & PARTS
epeat GOLD
ENERGY STAR

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CSA-19-042
0719R1-iRA4500IIIISRSB-PDF-IH