

imageRUNNER ADVANCE C5535/C5535i/C5540i/C5550i/C5560i



High performance office communication platform

The imageRUNNER ADVANCE C5500 Series delivers high performance and quality colour output for demanding office environments. These intelligent multifunctionals enhance productivity through improved document workflows and an intuitive user experience whilst keeping your data secure. Making them an essential part of any modern day working environment.



Streamline document workflows

- Intuitive user interface with a large, responsive colour touchscreen with smart phone-like usability.
- Effortless, rapid scanning captures paper-based documents with ease.
- Advanced personalisation enables a unique, personal experience tailored to meet each user's workflow needs.
- Canon's MEAP platform provides process optimisation, by integrating with a range of powerful document, capture and output management solutions.
- Scalable support for mobile and flexible working styles allows workers to capture or print documents and access certain cloud applications on the go.
- Scan and convert documents to Searchable PDF, Microsoft® Word, and Microsoft® PowerPoint files through a single-pass duplexing document feeder* that holds up to 150 originals.
- Motion sensor technology wakes device from sleep mode.
- Automatically remove blank pages when scanning.
- Users can create professional-looking booklets and finished documents automatically.
- Convenient Staple-on-demand functionality.

Control Costs

- Technology designed to reduce total cost of print.
- Apply print policies, monitor output, and restrict usage by user.
- Tight integration with output management solutions, such as uniFLOW.
- Remote diagnostics and assistance, help reduce costs by minimising downtime and time spent by IT resolving issues.
- Remote and centralised fleet management simplifies IT management of devices and fleets.
- Options for cost recovery and coin vending integration.

Secure confidential information

- Control who has access to the device with Award-winning, smart user authentication without impacting on user productivity or convenience.
- Prevent unauthorised distribution of sensitive information with an array of standard and optional document security features.
- Ensure information privacy and security across your network with IPsec, port filtering capabilities, and SSL technology.
- Secure Print and Mailbox enhance document confidentiality.
- Ability to disable functions by user to prevent unauthorised usage.
- Industry-first Data Loss Prevention and auditing of prints, copies, scans and faxes through uniFLOW.

*C5535 is Platen only



PRINT



COPY



FAX
Optional



SCAN

Manage devices efficiently

- Pre-configure devices making installation easy.
- Simplified fleet management by synchronising settings across multiple devices.
- Canon's device management tools give you a centralised point of control across your entire fleet, upgrade devices, check device status and consumables, turn off devices remotely, capture meter readings, as well as manage address books and printer drivers.
- Supports industry network standards i.e. PCL and Adobe PostScript for seamless integration.
- Shares resources and functionality with other imageRUNNER ADVANCE devices on the network.
- Collaborates with business applications and external systems in the Cloud.
- Remote diagnostics allow preventive maintenance.

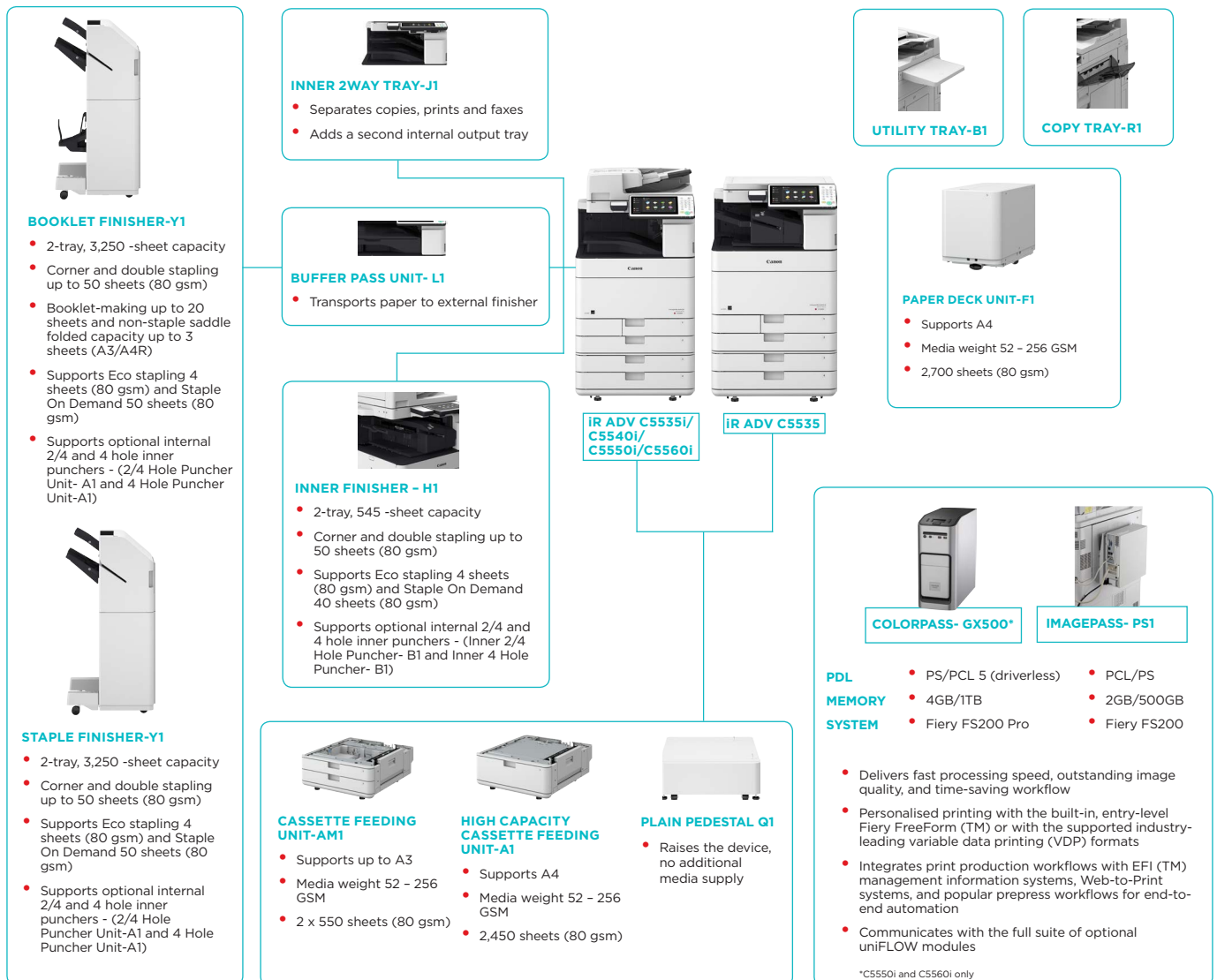
Reliable results

- Canon's signature reliability and engine technologies provide high quality output to meet the needs of busy departments.
- State-of-the-art imaging technologies and toner allow for consistently striking images with 1,200 dpi. print resolution.
- Designed to achieve maximum uptime with intuitive user maintenance videos and status notifications, to help keep supplies replenished.
- V² (Vivid & Vibrant) imaging technology ensures documents impress time after time and stand out from the rest.
- Consistently delivers outstanding colour quality on a wide range of media, even at large volumes.
- Total paper capacity of 6350 reduces downtime

Environmentally responsible

- Fusing technologies, CS toner, and innovative sleep mode features help lower overall energy consumption.
- Minimise waste with default 2-sided printing, secure printing, and the ability to hold print jobs, preview them and change print settings at the device, achieving the desired results at the first time of printing.
- Incorporates sustainable design, with the use of recycled materials and bio-based plastic, and a focus on minimising environmental impact.
- ENERGY STAR® qualified.
- Reduce waste with Staple-less Eco stapler.
- Consumes as little as 0.8W in sleep mode.
- Class leading Typical Electricity Consumption (TEC*) ratings.
- Qualifies for the stringent Blue Angel award

Configuration



This flat configuration is for illustration purpose only. For a complete list of options and the exact compatibility relationships, please refer to the online product configurator.

Technical Specifications

imageRUNNER ADVANCE C5535/C5535i/C5540i/C5550i/C5560i

Main Unit

Machine type	Colour Laser Multifunctional
Core functions	Print, Copy, Scan, Send, Store and Optional Fax
Processor Speed	Canon Dual Custom Processor (Shared) 1.75 Ghz
Control Panel	25.6 cm (10.1 inch) TFT LCD WSVGA Colour Touch panel
Memory Standard	Standard: 4.0GB RAM
Hard Disk drive	Standard: 250GB Maximum: 1TB Optional (250GB, 1TB)
Interface Connection	<p>NETWORK Standard: 1000Base-T/100Base-TX/10Base-T, Wireless LAN (IEEE 802.11 b/g/n); Optional: NFC, Bluetooth Low Energy</p> <p>OTHERS Standard: USB 2.0 (Host) x2, USB 3.0 (Host) x1, USB 2.0 (Device) x1; Optional: Serial Interface, Copy Control Interface</p>
Paper input (Standard)	2 x 550-sheet cassettes (80gsm) 100-sheet multi-purpose tray (80gsm)
Paper input (Option)	2 x 550-sheet cassettes (80gsm) (CASSETTE FEEDING UNIT-AM1) 2,450-sheet cassettes (80gsm) (HIGH CAPACITY CASSETTE FEEDING UNIT-A1) Additional 2,700 sheets (80gsm) (PAPER DECK UNIT-F1)
Maximum paper input capacity	6,350 sheets (80 gsm)
Paper output capacity	Without Finisher: 250 sheets (80 gsm), With Copy Tray: 100-sheets (A4, 80 gsm). With Internal Finishers: Max. 545-sheets (A4, 80 gsm). With External Finishers: Max. 3,250-sheets (A4, 80 gsm).
Finishing capabilities	Collate, Group With Inner Finisher : Collate, Group, Offset, Staple, Hole Punch ¹ , Staple-Free Staple, Staple On Demand With External Finisher : Collate, Group, Offset, Staple, Booklet ² , Hole Punch ³ , Staple-Free Staple, Staple On Demand
Supported media types	<p>Upper Cassette 1: Thin paper, Plain paper, Thick paper, Colour paper, Recycled paper, Pre-punched paper, Transparency, Bond paper, Envelope, Letterhead</p> <p>Lower Cassette 2: Thin paper, Plain paper, Thick paper, Colour paper, Recycled paper, Pre-punched paper, Transparency, Tab paper*, Bond paper, Envelope, Letterhead *Requires TAB FEEDING ATTACHEMENT F1</p> <p>Multi-purpose tray: Thin paper, Plain paper, Thick paper, Colour paper, Recycled paper, Pre-punched paper, Transparency, Tracing paper⁴, Label, Tab paper, Bond paper, Coated paper, Envelope, Letterhead</p> <p>Cassettes 3/4 (CASSETTE FEEDING UNIT-AM1) Thin paper, Plain paper, Thick paper, Colour paper, Recycled paper, Pre-punched paper, Transparency, Bond paper, Letterhead</p> <p>Cassette Deck (HIGH CAPACITY CASSETTE FEEDING UNIT-A1): Thin paper, Plain paper, Thick paper, Colour paper, Recycled paper, Pre-punched paper, Bond paper, Letterhead</p> <p>PAPER DECK UNIT-F1: Thin paper, Plain paper, Thick paper, Colour paper, Recycled paper, Pre-punched paper, Bond paper, Letterhead</p>
Supported media sizes	<p>Upper Cassette 1: Standard size: A4, B5, A5, A5R Custom size: Min. 98.0 mm x 148 mm up to 297 mm x 215.9 mm</p> <p>Lower Cassette 2: Standard size: A3, B4, A4, A4R, B5, B5R, A5R Custom size: Min. 98.0 mm x 182 mm up to 304.8 mm x 457.2 mm</p> <p>Multi-purpose tray: Standard size: A3, B4, A4, A4R, B5, B5R, A5, A5R, SRA3, Envelopes (No. 10(COM 10)), Monarch, ISO-C5, DL), Envelope Custom Size (Min. 98.0 mm x 98.4 mm up to 320.0 mm x 457.2 mm) Free Size: Min. 98.0 mm x 139.7 mm up to 320.0 mm x 457.2 mm</p> <p>CASSETTE FEEDING UNIT-AM1 A3, B4, A4, A4R, B5, B5R, A5R, Custom Size (Min. 98.0 mm x 182.0 up to 304.8 mm x 457.2 mm) HIGH CAPACITY CASSETTE FEEDING UNIT-A1 A4 PAPER DECK UNIT-F1 A4, B5</p>
Supported media weights	<p>Cassettes: 52 to 256 gsm Multi-purpose tray: 52 to 300 gsm Duplex: 52 to 220 gsm Paper Deck: 52 to 256 gsm</p>
Warm-up Time	From Power On: 30 Seconds or Less ⁵ From Sleep Mode: 10 Seconds or Less
Dimensions (W x D x H)	DADF model: 950 mm x 620 mm x 742 mm Platen model: 827 mm x 620 mm x 729 mm
Installation Space(W x D x H)	943 mm x 1,176 mm (Basic: Right Cover Open + Cassette Drawers Open)
Weight	Approx. 142 kg including toner Platen Model: Approx. 131 kg including toner
Print Specifications	
Printing method	Colour laser beam printing

Print Speed

Print Speed	<p>IR-ADV C5535/C5535i 35 ppm (A4), 18 ppm (A3), 23 ppm (A4R), 35 ppm (A5R)</p> <p>IR-ADV C5540i 40 ppm (A4), 22 ppm (A3), 24 ppm (A4R), 40 ppm (A5R)</p> <p>IR-ADV C5550i 50 ppm (A4), 27 ppm (A3), 30 ppm (A4R), 50 ppm (A5R)</p> <p>IR-ADV C5560i 60 ppm (A4), 32 ppm (A3), 36 ppm (A4R), 60 ppm (A5R)</p>
Print Resolution	600 dpi x 600 dpi, 1,200 dpi x 1,200 dpi
Page description languages	<p>IR-ADV C5535i/C5540i/C5550i/C5560i: UFR II, PCL 6, Genuine Adobe PostScript Level 3 (Standard)</p> <p>IR-ADV C5535: UFR II (Standard), Optional PCL 6, Genuine Adobe PostScript Level 3</p> <p>Automatic (Standard)</p>
Double Sided Printing	Automatic (Standard)
Direct Print	Direct printing available from USB memory key, Advanced space, Remote UI and Web Access ⁶ Supported file types: TIFF, JPEG, PDF, EPS, and XPS.
Printing from mobile and cloud	A range of software and MEAP-based solutions is 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	<p>PCL fonts: 95 Roman, 10 Bitmap fonts, 2 OCR fonts, Andalé Mono WT J/K/S/T* (Japanese, Korean, Simplified and Traditional Chinese), Barcode fonts** *Requires optional PCL INTERNATIONAL FONT SET-A1 **Require optional BARCODE PRT KIT-D1 PS fonts: 136 Roman</p>
Operating System	<p>UFR II: Server 2003/Server 2003 R2/Windows Vista/Server 2008/Windows 7/Server 2008 R2/Windows 8/Server 2012/Windows 8.1/Server 2012 R2/Windows 10, MAC OS X (10.6.8 or later)</p> <p>PCL: Server 2003/Server 2003 R2/Windows Vista/Server 2008/Windows 7/Server 2008 R2/Windows 8/Server 2012/Windows 8.1/Server 2012 R2/Windows 10</p> <p>PS: Server 2003/Server 2003 R2/Windows Vista/Server 2008/Windows 7/Server 2008 R2/Windows 8/Server 2012/Windows 8.1/Server 2012 R2/Windows 10, MAC OS X (10.6.8 or later)</p> <p>PPD: MAC OS 9.1 or later, MAC OS X (10.3.9 or later), Windows Vista/Windows 7/Windows 8/Windows 8.1/Windows 10</p> <p>SAP Device Types are available via the SAP Market Place. Please refer to http://www.canon-europe.com/support/business-product-support for availability of print solutions for other operating systems and environments including AS/400, UNIX, Linux and Citrix. Some of these solutions are chargeable.</p>
Copy Specifications	
Copy Speed	<p>IR-ADV C5535/C5535i: 35 ppm (A4), 18 ppm (A3), 23 ppm (A4R), 35 ppm (A5R)</p> <p>IR-ADV C5540i: 40 ppm (A4) 22 ppm (A3), 24 ppm (A4R), 40 ppm (A5R)</p> <p>IR-ADV C5550i: 50 ppm (A4), 27 ppm (A3), 30 ppm (A4R), 50 ppm (A5R)</p> <p>IR-ADV C5560i: 60 ppm (A4), 32 ppm (A3), 36 ppm (A4R), 60 ppm (A5R)</p>
First-Copy-Out Time	<p>IR-ADV C5535/C5535i: Approx. 4.9/7.4 seconds or less</p> <p>IR-ADV C5540i: Approx. 4.1/6.1 seconds or less</p> <p>IR-ADV C5550i: Approx. 3.5/5.2 seconds or less</p> <p>IR-ADV C5560i: Approx. 2.9/4.5 seconds or less</p>
Copy resolution	<p>Reading: 600 dpi x 600 dpi Printing: Up to 1,200 dpi x 1,200 dpi</p>
Multiple Copies	Up to 999 copies
Magnification	25% - 400% (1% Increments)
Preset Reductions	25%, 50%, 71%
Preset Enlargements	141%, 200%, 400%
Scan Specifications	
Standard type	Colour Platen and Single-pass Duplexing Automatic Document Feeder ⁷
Supported media size/s	A3, B4, A4, A4R, B5, B5R, A5, A5R, B6R
Pull Scan Spec	Colour Network ScanGear2. For both TWAIN and WIA
Supported OS:	Windows Vista/7/8/8.1/10 Windows Server 2003/Server 2003 R2/Server 2008/Server 2008 R2/Server 2012/Server 2012 R2
Scan Resolution	100 x 100 dpi, 150 x 150 dpi, 200 x 100 dpi, 200 x 200 dpi, 200 x 400 dpi, 300 x 300 dpi, 400 x 400 dpi, 600 x 600 dpi
Acceptable Originals	Platen media size: Sheet, Book, 3-Dimensional Objects (Up to 2kg) Document Feeder media size ⁷ : A3, B4, A4, A4R, B5, B5R, A5, A5R, B6 Document Feeder media weight ⁷ : 1-sided scanning: 38 to 157 gsm/64 to 157 gsm (BW/CL) 2-sided scanning: 50 to 157 gsm/64 to 157 gsm (BW/CL) Send functionality available on all models Scan to USB Memory Key: Available on all models
Scan Method	Scan to Mobiles or internet-connected devices: A range of solutions is available to provide scanning to mobile devices or internet-connected devices depending on your requirements. Please contact your sales representative for further information Scan to cloud-based services: A range of solutions is available to provide scanning to cloud-based services depending on your requirements. Please contact your sales representative for further information. TWAIN/WIA Pull scanning available on all models



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Scan Speed (BW/CL; A4)

Single-sided Scanning (BW) : 80 ipm (300 dpi) / 80 ipm (600 dpi)
Single-sided Scanning (Colour) : 80 ipm (300 dpi) / 60 ipm (600 dpi)
Double-sided Scanning (BW) : 160 ipm (300 dpi) / 150 ipm (600 dpi)
Double-sided Scanning (Colour) : 160 ipm (300 dpi) / 80 ipm (600 dpi)

Paper Capacity ⁷

150 Sheets (80 gsm)

Double sided scanning ⁷

2-sided to 2-sided (Automatic)

Send Specifications

Optional / Standard

Destination

Standard on all models

E-mail/Internet FAX (SMTP), SMB, FTP, WebDAV, Mail Box, Super G3 FAX(Optional), IP Fax(Optional)

Address Book

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

Send resolution

100 x 100 dpi, 150 x 150 dpi, 200 x 100 dpi, 200 x 200 dpi, 200 x 400 dpi, 300 x 300 dpi, 400 x 400 dpi, 600 x 600 dpi

Communication protocol

File: FTP, SMB, WebDAV

File Format

E-mail/I-Fax: SMTP, POP3, I-Fax (Simple, Full)
Standard: TIFF, JPEG, PDF(Compact, Searchable, Apply PDF file protection by Adobe Live Cycle Rights Management[™]), Optimize for Web, PDF A/1-b), XPS(Compact, Searchable), Office Open XML (PowerPoint, Word)
Optional: PDF(Trace&Smooth, Encrypted), PDF/XPS(Digital Signature)

Fax Specifications

Optional / Standard

Modem Speed

Optional on all models

Super G3: 33.6 kbps⁸
G3: 14.4 kbps

Compression Method

MH, MR, MMR, JBIG

Resolution

400 x 400 dpi, 200 x 400 dpi, 200 x 200 dpi, 200 x 100 dpi

Sending/Recording Size

A5 and A5R* to A3
*Sent as A4

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

Security Specifications

Authentication

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

Data

Optional: My Print Anywhere secure print (Requires uniFLOW)
Standard: Trusted Platform Module (TPM), Hard Disk Password Lock, Hard Disk Drive Erase, Mail Box Password Protection, Hard Disk Drive Encryption(FIPS140-2 Validated), Common Criteria Certification (DIN ISO 15408)¹³
Optional: Hard Disk Drive Mirroring, Hard Disk Drive removal, Data Loss Prevention (Requires uniFLOW)

Network

Standard: IP/Mac Address Filtering, IPSEC, TLS Encrypted Communication, SNMP V3.0, IEEE 802.1X, IPv6, SMTP Authentication, POP Authentication before SMTP, S/MIME

Document

Standard: Secure Print, Adobe LiveCycle[®] Rights Management ES2.5 Integration
Optional: Encrypted PDF, Encrypted Secure Print, User and Device signatures, Secure Watermarks, Document Scan locking

Environmental Specifications

Operating Environment

Temperature: 10 to 30 °C (50 to 86 °F)
Humidity: 20 to 80 % RH (no condensation)

Power source

Power consumption

220-240 V (±10 %), 50/60 Hz (±2 Hz), 6 Amp

Maximum: Approx. 1.8 kW
Printing: Approx. 849 W or less⁸
Standby: Approx. 67.9 W
Sleep mode: Approx. 0.8 W⁹
Plugin Off: Approx. 0.23W⁸
Typical Electricity Consumption (TEC) rating¹⁰:
1.6 kWh (iR-ADV C5535/C5535i)
2.0 kWh (iR-ADV C5540i)
2.5 kWh (iR-ADV C5550i)
3.1 kWh (iR-ADV C5560i)

Noise levels

Sound Power Level (LwAd)¹¹
iR-ADV C5535/5535i: Active(BW): 65.1 dB or Less⁸, Active(CL): 65 dB or Less⁸, Standby: 40 dB or Less¹²
iR-ADV C5540i: Active(BW): 65.6 dB or Less⁸, Active(CL): 66.1 dB or Less⁸, Standby: 40 dB or Less¹²
iR-ADV C5550i: Active(BW): 66.7 dB or Less⁸, Active(CL): 67 dB or Less⁸, Standby: 40 dB or Less¹²
iR-ADV C5560i: Active(BW): 67.5 dB or Less⁸, Active(CL): 68.1 dB or Less⁸, Standby: 40 dB or Less¹²
Sound Pressure (LpAm)¹⁰
Bystander's position:
iR-ADV C5535/5535i: Active(BW): 47.6 dB or Less⁸, Active(CL): 47.8 dB or Less⁸, Standby: 24 dB or Less¹²
iR-ADV C5540i: Active(BW): 47.7 dB or Less⁸, Active(CL): 48.2 dB or Less⁸, Standby: 25 dB or Less¹²
iR-ADV C5550i: Active(BW): 48.8 dB or Less⁸, Active(CL): 49.1 dB or Less⁸, Standby: 24 dB or Less¹²
iR-ADV C5560i: Active(BW): 49.6 dB or Less⁸, Active(CL): 50.2 dB or Less⁸, Standby: 24 dB or Less¹²
ENERGY STAR[®] Qualified
Ecomark
Blue Angel

Consumables

Toner Cartridge/s

C-EXV 51 TONER BK/C/M/Y
C-EXV 51L TONER C/M/Y
C-EXV 51 TONER BK: 69,000 pages
C-EXV 51 TONER C/M/Y: 60,000 pages
C-EXV 51L TONER C/M/Y: 26,000 pages

Toner (Estimated Yield @5% Coverage)

Hardware Accessories

For full information on options available for the iR-ADV C5500 series, please refer to the specification tables on your local Canon web site.

Footnotes

- [1] With INNER 2/4 HOLE PUNCHER-B1 or INNER 4 HOLE PUNCHER-B1
- [2] BOOKLET FINISHER-Y1 only.
- [3] With 2/4 HOLE PUNCHER-A1 or 4 HOLE PUNCHER-A1
- [4] Some types of tracing paper cannot be used.
- [5] Time between device power-on and when the start key is enabled
- [6] Only PDF print from websites is supported
- [7] N/A iR ADV C5535 is a Platen only model
- [8] Data taken from Blue Angel Certification User information
- [9] 0.8W sleep mode is not available in all circumstances due to certain settings.
- [10] Typical Electricity Consumption (TEC) rating represents the typical electricity consumed by a product during 1 week, measured in kilowatt-hours (kWh). The test methodology is defined by Energy Star (<http://www.eu-energystar.org>).
- [11] Declared noise emission in accordance with ISO 7779
- [12] Data taken from ECO declaration
- [13] Common Criteria Certification (DIN ISO 15408) - Testing is scheduled to be finalised by the end of 2016

Software and Solutions



Certifications and compatibility



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