

imageRUNNER ADVANCE C5500 ES series

PROMOTE YOUR BUSINESS SUSTAINABILITY GOALS WITH EFFICIENT AND RELIABLE A3 COLOUR MULTIFUNCTION DEVICES

MAIN CONFIGURATION OPTIONS



BOOKLET FINISHER-Y1 ES

- 2-tray, 3,250 -sheet capacity
- Corner and double stapling up to 50 sheets (80 gsm)
- Booklet-making up to 20 sheets and non-staple saddle folded capacity up to 3 sheets (A3/ A4R)
- Supports Eco stapling 4 sheets (80 gsm) and Staple On Demand 50 sheets (80 gsm)
- Includes Buffer Pass Unit-L1



STAPLE FINISHER-Y1 ES

- 2-tray, 3,250 -sheet capacity
- Corner and double stapling up to 50 sheets (80 gsm)
- Supports Eco stapling 4 sheets (80 gsm) and Staple On Demand 50 sheets (80 gsm)
- Includes Buffer Pass Unit-L1



iR ADV C5560i ES+



iR ADV C5560i ES



INNER FINISHER - H1 ES

- 2-tray, 545 -sheet capacity
- Corner and double stapling up to 50 sheets (80 gsm)
- Supports Eco stapling 4 sheets (80 gsm) and Staple On Demand 40 sheets (80 gsm)

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 C5500 ES series

MAIN UNIT

Machine type
Core functions
Processor Speed
Control Panel
Memory
Storage
Interface Connection

Colour Laser Multifunctional
 Print, Copy, Scan, Send, Store and Optional Fax
 Canon Dual Custom Processor (Shared) 1.75 Ghz
 25.6 cm (10.1 inch) TFT LCD WSVGA Colour Touch panel
 Standard: 4.0GB RAM
 Standard: 320GB HDD
 NETWORK Standard: 1000Base-T/100Base-TX/10Base-T,
 Wireless LAN (IEEE 802.11 b/g/n)
 OTHERS Standard: USB 2.0 (Host) x2, USB 3.0 (Host) x1,
 USB 2.0 (Device) x1

Paper Supply Capacity (A4, 80 gsm)

Standard: 2,300 Sheets
 4 x 550 sheet Cassettes
 100 sheet Multi-purpose tray

Paper output capacity (A4, 80 gsm)

Standard: 250 sheets
 Maximum: 3,250 sheets (with Booklet Finisher-Y1 ES or Staple Finisher-Y1 ES)

Finishing capabilities

Standard: Collate, Group
 Optional:
 With Inner Finisher : Collate, Group, Offset, Staple, Staple-Free Staple, Staple On Demand
 With External Finisher, Staple Finisher and Booklet Finisher : Collate, Group, Offset, Staple, Booklet¹, Staple-Free Staple, Staple On Demand

Supported media types

Upper Cassette 1:
 Thin paper, Plain paper, Thick paper, Color paper, Recycled paper, Pre-punched paper, Transparency, Bond paper, Envelope, Letterhead

Lower Cassettes 2/3/4:
 Thin paper, Plain paper, Thick paper, Color paper, Recycled paper, Pre-punched paper, Transparency, Bond paper, Envelope, Letterhead

Multi-purpose tray:
 Thin paper, Plain paper, Thick paper, Color paper, Recycled paper, Pre-punched paper, Transparency, Tracing paper², Label, Tab paper, Bond paper, Coated paper, Envelope, Letterhead

Supported media sizes

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

Lower Cassettes 2/3/4:
 Standard size: A3, B4, A4, A4R, B5, B5R, A5, A5R
 Custom size: Min. 98.0 mm x 182 mm up to 304.8 mm x 457.2 mm

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

Supported media weights

Cassettes: 52 to 256 gsm
 Multi-purpose tray: 52 to 300 gsm
 Duplex: 52 to 220 gsm

Warm-up Time

From Power On: 30 Seconds or Less³
 From Sleep Mode: 10 Seconds or Less (with Quick Start ON)

Dimensions (W x D x H)

620 mm x 742 mm x 950 mm

Installation Space (W x D)

Basic: 980 mm x 1,176 mm
 (Multi-purpose tray extended + cassette drawers open)

Weight

Approx. 142 kg including toner

PRINT SPECIFICATIONS

Print Speed (BW/CL)

Up to 60 ppm (A4), 32 ppm (A3), 36 ppm (A4R), 60.5 ppm (A5R)

Print Resolution(dpi)

600 dpi x 600, 1,200 dpi x 1,200 (half-speed)

Page description languages

Standard: UFR II, PCL6, Adobe® PostScript® 3™

Double Sided Printing

Standard: Automatic

Direct Print

Supported file types*: TIFF, JPEG, PDF, EPS, and XPS

*Only PDF print from websites supported

Printing from mobile and cloud

AirPrint, Mopria, Canon PRINT Business app and uniFLOW Online (optional)

A range of software and MEAP-based solutions 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

OS Standard Printing

Android, Windows® 10/11, Chrome OS, macOS (11.2.2 or later), iOS (15.2 or later), iPadOS

Fonts

PS fonts: 136 Roman
 PCL fonts: 93 Roman, 10 Bitmap fonts, 2 OCR fonts, Andalé Mono WT J/K/S/T¹ (Japanese, Korean, Simplified and Traditional Chinese), Barcode fonts²

^{*1} Optional PCL International Font Set-A1 is required.

^{*2} Optional Barcode Printing Kit-D1 is required.

Print Features

Suspend Job Timeout, Subset Finishing (PS only), Profile Settings, Secured Print, Watermark, Page Border, Header/Footer, Page Layout, Two-sided Printing, Collating, Booklet Printing, Grouping, Mixed Paper Sizes/ Orientations, Offsetting, Printing on Transparencies, Front/Back Covers, Toner Reduction, Poster Printing, Job hold printing
 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)

Operating System

As of Sep. 2022

COPY SPECIFICATIONS

Copy Speed

Up to 60 ppm (A4), 32 ppm (A3), 36 ppm (A4R), 60 ppm (A5R)

First-Copy-Out Time (BW/CL)

Approx. 2.9/4.5 seconds or less

Copy resolution (dpi)

Reading: 600 dpi x 600
 Printing: Up to 1,200 x 1,200

Multiple Copies

Up to 999 copies

Copy Density

Automatic or Manual (6 Levels)

Magnification

Variable zoom: 25% to 400% (1% Increments)
 Preset reduction/enlargement: 25%, 50%, 70%, 100% (1:1), 141%, 200%, 400%

Basic Copy Features

Preset R/E Ratios by Area, Two-Sided, Density Adjustment, Original Type Selection, Interrupt Mode, Book to Two Pages, Two-sided Original, Job Build, N on 1, Add Cover, Insert Sheets, Different Size Originals, Page Numbering, Copy Set Numbering, Sharpness, Erase Frame, Secure Watermark, Print Date, Gutter, Print & Check, Negative/Positive, Repeat Images, Merge Job Blocks, Mirror Image, Store in Mail Box, Copy ID Card, Free Size Original, Color Mode, Reserved copy, Copy Sample

SCAN SPECIFICATION

Type

Single-pass Duplexing Automatic Document Feeder* (2-sided to 2-sided (Automatic))

Pull Scan Specifications

*Multi-sheet feed detection

Colour Network ScanGear2. For both TWAIN and WIA
 Supported OS: Windows® 8.1/10/11/Server2012/Server2012 R2/Server 2016/Server 2019/Server 2022

As of Sep. 2022

Scan Resolution (dpi)

Scan for Copy: 600 x 600
 Scan for Send: (Push) 600 x 600 (SMB/FTP/WebDAV/IFAX), (Pull) 600 x 600
 Scan for Fax: 600 x 600

Document Feeder Paper Capacity (80 gsm)

Up to 150 sheets

Supported media size/s

A3, B4, A4, A4R, B5, B5R, A5, A5R, B6R

Supported media weight/s

One-sided scanning: 38 to 157 gsm/64 to 157 gsm (BW/CL)
 Double-sided scanning: 50 to 157 gsm/64 to 157 gsm (BW/CL)

Scan Method

Push Scan, Pull Scan, Scan to Box, Scan to Advanced Space, Scan to Network, Scan to USB Memory Key, Scan to Mobile device, Scan to cloud (uniFLOW Online - optional)

Scan Speed (ipm, BW/CL, A4)

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.
 Single-sided Scanning : 80/80 (300pi), 80/60 (600 dpi)
 Double-sided Scanning : 160/150 (300pi), 150/80 (600 dpi)

SEND SPECIFICATIONS

Optional/ standard

Standard on all models

Destination

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

Address Book/Speed dials

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

Send resolution (dpi)

Push: up to 600 x 600

Communication protocol

Pull: up to 600 x 600

File Format

File: FTP, SMB v3.0, WebDAV
 E-mail/I-Fax: SMTP, POP3
 Standard: TIFF, JPEG, PDF (Compact, Searchable, Apply policy, Optimize for Web, PDF A/1-b, Encrypted), XPS (Compact, Searchable), Office Open XML (PowerPoint, Word), PDF/XPS (Digital Signature)
 Optional: PDF (Trace & Smooth)

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, E-mail Priority, TX Report, Original Content Orientation, Skip Blank Originals

TECHNICAL SPECIFICATIONS

imageRUNNER ADVANCE C5500 ES series

FAX SPECIFICATIONS

| | |
|------------------------------------|--|
| Optional/ standard | Optional on all models |
| Maximum Number of Connection Lines | 2 |
| Modem Speed | Super G3: 33.6 kbps G3: 14.4 kbps |
| Compression Method | MH, MR, MMR, JBIG |
| Resolution (dpi) | 400 x 400 (Ultra Fine), 200 x 400 (Super Fine), 200 x 200 (Fine), 200 x 100 (Normal) |
| Sending/Receiving Size | Sending: A3, A4, A4R, A5 ¹ , A5R ¹ , B4, B5 ² , B5R ¹ Receiving: A3, B4, A4, A4R, A5R, B5, B5R ¹ Sent as A4 ² Sent as B4 short |
| 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 | Sender's Name (TTI), Selecting the Telephone Line (when sending fax), Direct Send, Delayed Send, Preview, Job Done Notice, TX Report, Interrupt Transmission, Sequential Broadcasting, Password/Subaddress Sending, Confidential Mailbox, 2 on 1 Log |

STORE SPECIFICATIONS

| | |
|-------------------------------------|---|
| Mail Box (Number supported) | 100 User Inboxes, 1 Memory RX Inbox, 50 Confidential Fax Inboxes, 30,000 Maximum Pages Stored |
| Advanced space | Communication Protocol: SMB or WebDAV Supported Client PC: Windows* 8.1/10/11 Concurrent Connections (Max.): SMB:64, WebDAV:3 Standard: 16GB |
| Advanced Space available disc space | |
| Advanced Space Features: | Authentication for Advanced Space Log-in, Sort Function, Printing a PDF File with a Password, imageWARE Secure Audit Manager Support, Search, File Preview, Authentication Management, Open to public, URI TX, Backup/Restore |
| Memory Media | Standard: USB Memory |

SECURITY SPECIFICATIONS

| | |
|---------------------------------|--|
| Authentication & Access Control | Standard: User Authentication (Picture Login, Picture and PIN Login, Card Login*), Username and Password Login, Function Level Login, Mobile Login), Department ID Authentication (Department ID and PIN Login, Function Level Login), uniFLOW Online Express (PIN Login, Picture Login, Picture and PIN Login, Card Login, Card and PIN Login, Username and Password Login, Department ID and PIN Login, Function Level Login), Access Management System (Access Control) |
| | *Card readers are optional, please refer to Hardware Accessories. Activation is required |
| | Optional: My Print Anywhere secure print* *Requires uniFLOW Online/uniFLOW |

Network

Standard: IP/Mac Address Filtering, IPSEC, TLS 1.3
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, Encrypted PDF, Encrypted Secure Print, Device signature, Secure Watermarks, uniFLOW Secure Print®
Optional: User signature, Document Scan locking

Device

*Requires uniFLOW Online/uniFLOW
Standard: Trusted Platform Module (TPM), Hard Disk Password Lock, Hard Disk Drive Erase, Mail Box Password Protection, Hard Disk Drive Encryption (AES-256bit/CBC, FIPS140-2 Validated), Common Criteria Certification (DIN ISO 15408)

Optional: Data Loss Prevention*
*Requires uniFLOW Online/uniFLOW

Device Management & Auditing

Administrator Password, Digital Certificate And Key Management, Audit Log, Image Data Logging, Security Policy Setting

ENVIRONMENTAL SPECIFICATIONS

| | |
|-----------------------|---|
| Operating Environment | Temperature: 10 to 30 °C (50 to 86 °F) Humidity: 20 to 80 % RH (Relative Humidity) |
| Power source | 220-240V 50/60Hz 5A |
| Power consumption | Maximum: Approx. 1.8 kW Printing: Approx. 849 W or less Standby: Approx. 67.9 W Sleep mode: Approx. 0.8 W ⁴ Plugin Off: Approx. 0.23W Typical Electricity Consumption (TEC)*: 0.86kWh *As per US ENERGY STAR version 3.2 |
| Noise levels (BW/CL) | For detailed information relating to Erp:Lot6/26 regulation, please go to: https://www.canon-europe.com/for_work/lot26/ Sound Power Level (LwAd) ⁵ Active(BW): 67.5 dB or Less, Active(CL): 68.1 dB or Less, Standby: 40 dB or Less ⁶ |

Sound Pressure (LpAm)⁵
Bystander's position:
Active(BW): 49.6 dB or Less, Active(CL): 50.2 dB or Less, Standby: 24 dB or Less⁶

SOFTWARE AND PRINTER MANAGEMENT

Tracking and reporting

Standard: Universal Login Manager (ULM)
uniFLOW Online Express*
Optional: uniFLOW Online*

*For more information, please refer to: uniFLOW Online Express, uniFLOW Online

Remote management tools

iWEMC
eMaintenance
Content Delivery System

Scanning software

Network ScanGear

Optimisation tools

Canon Driver Configuration Tool

Platform

MEAP (Multifunction Embedded Application Platform)

Document Publishing

Optional: Therefore™, Kofax Power PDF Advanced

CONSUMABLES

Toner Cartridge/s

C-EXV 51 TONER BK/C/M/Y
C-EXV 51L TONER C/M/Y

Toner Estimated Yield

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
(Estimated @ 5% Coverage)

OUTPUT OPTIONS

Inner Finisher

INNER FINISHER-HI ES
Number of Trays: 2
Tray A (Upper) Capacity: A4, B5, A5, A5R 45 sheets, A3, B4, A4R, B5R, SRA3 45 sheets
Tray B (Lower) Capacity: A4, B5, A5, A5R 500 sheets, A3, B4, A4R, B5R, SRA3 250 sheets
Paper Weight: 52 to 300 gsm
Staple Position: Corner, Double
Staple Capacity: Corner and Double Stapling:
A4/B5: 50 sheets (52 to 90 gsm)
A3/B4/A4R: 30 sheets (52 to 90 gsm)
Eco Staple:
A3/A4/B4/B5: 5 sheets (52 to 64 gsm)
4 sheets (65 to 81.4 gsm)
3 sheets (81.5 to 105 gsm)

Staple Finisher

Staple On Demand: 40 sheets (80 gsm)
Dimensions (W x D x H): 466 mm x 525 mm x 225 mm
Weight: Approx. 8.6 kg
STAPLE FINISHER-Y1 ES
(Includes BUFFER PASS UNIT- L1)
Number of Trays: 2
Tray A (Upper) Capacity: A4, B5, A5, A5R 250 sheets, A3, B4, A4R, B5R, SRA3 125 sheets
Tray B (Lower) Capacity: A4, B5, A5, A5R 3,000 sheets, A3, B4, A4R, B5R, SRA3 1,500 sheets
Paper Weight: Upper Tray 52 to 256 gsm
Lower Tray 52 to 300 gsm

Staple Position: Corner, Double
Staple Capacity: Corner and Double Stapling:
A4/B5: 50 sheets (52 to 90 gsm)
A3, B4, A4R: 30 sheets (52 to 90 gsm)
Eco Staple:

A3/A4: 5 sheets (52 to 64 gsm)
4 sheets (65 to 81.4 gsm)
3 sheets (81.5 to 105 gsm)

Booklet Finisher

Staple On Demand:
50 sheets (90 gsm)
Dimensions (W x D x H): 637 mm x 623 mm x 1,142 mm (when the extension tray is extended)
Weight: Approx. 31 kg
Name: BOOKLET FINISHER-Y1 ES
(Includes BUFFER PASS UNIT- L1)
Number of Trays: 2
Tray A (Upper) Capacity: A4, B5, A5, A5R 250 sheets, A3, B4, A4R, B5R, SRA3 125 sheets
Tray B (Lower) Capacity: A4, B5, A5, A5R 3,000 sheets, A3, B4, A4R, B5R, SRA3 1,500 sheets
Paper Weight: Upper Tray 52 to 256 gsm
Lower Tray 52 to 300 gsm

Staple Position: Corner, Double
Staple Capacity: Corner and Double Stapling:
A4/B5: 50 sheets (52 to 90 gsm)
A3, B4R, A4R: 30 sheets (52 to 90 gsm)
Eco Staple:
A3/A4: 5 sheets (52 to 64 gsm)
4 sheets (65 to 81.4 gsm)
3 sheets (81.5 to 105 gsm)

Staple On Demand:
50 sheets (90 gsm)
Booklet Stitch paper size:
A3, B4, A4R, Custom Size (195.0 mm x 270 mm to 304.8 mm x 457.2 mm)
Booklet Stitch Staple Capacity:
20 sheets x 10 sets (81 gsm) (including 1 cover sheet up to 256 gsm)
Dimensions (W x D x H): 637 mm x 623 mm x 1,142 mm (when the extension tray is extended)
Weight: Approx. 57 kg

HARDWARE ACCESSORIES

Card Readers

Various card readers are available, e.g. MiCard Plus. Please contact your local Canon Office for more details.



TECHNICAL SPECIFICATIONS

imageRUNNER ADVANCE C5500 ES series

SYSTEM AND CONTROLLER OPTIONS

Print Accessories

PCL INTERNATIONAL FONT SET-A1 (Adds PCL support for Andalé Mono WT J/K/S/T (Japanese/Korean/Simplified Chinese/Traditional Chinese).

Send Options

UNIVERSAL SEND DIGITAL USER SIGNATURE KIT-C1 - Ensures the authenticity of a PDF/XPS by identifying the user that sent the document through a visible and/or invisible digital signature.

UNIVERSAL SEND TRACE & SMOOTH PDF KIT-A1 - Enables the device to create and send Trace and Smooth PDF

Barcode Printing

BARCODE PRINTING KIT-D1 - Provides the ability to print 1D and 2D barcodes on output using jet caps technology.

Fax Accessories

SUPER G3 FAX BOARD-AS1 ER - Adds fax functionality.
REMOTE FAX KIT-A1 - Enables the device to send and receive fax from another device connected with a fax board.

OTHER OPTIONS

Stapler Accessories

STAPLE-P1 - For stapling (2 x 5,000 pcs)
STAPLE CARTRIDGE-Y1 - For saddle stitching (2 x 2,000 pcs)
INSTANT STAPLER-B1

Other

Antimicrobial Film - Various Sheets designed to fit the devices most common touch points*.

*Application by a Service engineer is recommended

Footnotes

^[1] Booklet Finisher-Y1 only

^[2] Some types of tracing paper cannot be used.

^[3] Time between device power-on and when the start key is enabled

^[4] 0.8W sleep mode is not available in all circumstances due to certain settings.

^[5] Declared noise emission in accordance with ISO 7779

^[6] Data taken from ECO declaration

Software & Solutions



Certifications and compatibility



Canon Inc.
canon.com
Canon Europe
canon-europe.com
English edition
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