

# imageRUNNER ADVANCE 8505 Pro /8595 Pro /8585 Pro

A highly productive and reliable mono digital press for professional and integrated environments



## Advanced Productivity

- Produces fast print speeds of up to 105 ppm in black and white. It is capable of maintaining an outstanding output speed while printing on heavy media
- The flexible media handling capabilities enable you to choose from numerous paper sources and use heavy media up to 256 gsm
- Extensive paper supply of up to 7,700 sheets
- The optional imagePASS print controller, an ideal choice for busy operations, provides robust processing capabilities, variable data printing (VDP), and a print production workflow
- Create professional-looking reports, booklets, newsletters, manuals, proposals, and contracts with flexible finishing options such as professional punching, folding, document insertion, stapling and booklet making.
- Scan and convert documents to Searchable PDF, Microsoft® Word, and Microsoft® PowerPoint files through a single-pass duplexing document feeder that holds up to 300 originals

- An intuitive user interface with a large, responsive colour touchscreen makes carrying out tasks easy.
- Scalable support for mobile and flexible work styles can increase efficiency by allowing workers to capture or print documents and access certain cloud applications on the go.

## Proven Reliability

- Canon's signature reliability and engine technologies provide reliable high quality output to meet the needs of busy departments and Central Reprographics Departments (CRDs)
- Designed to achieve maximum uptime with status notifications to help keep supplies replenished, intuitive user maintenance videos, the ability to replace toner on the fly, and automatic job re-routing (with optional solutions).

## Integration and Fleet Management Efficiency

- Native support for industry standards such as Genuine Adobe PostScript and PCL, ensure seamless integration into networks and enterprise solutions



PRINT



COPY



FAX



SCAN

**Canon**

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- Canon's MEAP platform provides process optimisation, by integrating with a range of powerful document, capture and output management solutions.
- The ability to pre-configure devices makes installation easy and fleet management is simplified with the capability to synchronise settings across multiple devices.
- Canon's device management tools give you a centralised point of control across your entire fleet, including the ability to check device status and consumables, turn off devices remotely, capture meter readings, as well as manage address books and printer drivers.

## Cost Management

- The ability to apply print policies, monitor output, and restrict usage by user helps reduce unnecessary printing, encourages cost recovery, and can help save money on paper and toner.
- Tight integration with output management solutions, such as uniFLOW, provides the ability to carry out detailed tracking, reporting, and cost analysis

## Security

- Control who has access to the device with authentication by using the standard Universal Login Manager application.
- Help prevent unauthorised distribution of sensitive information with an array of standard and optional document security features.
- Help ensure information privacy and security across your entire network with IPsec, port filtering capabilities, and SSL technology.

## Environmentally responsible

- Fusing technologies, pO toner, and innovative sleep mode features help lower overall energy consumption. Consumes as little as 0.9 W in sleep mode
- Incorporates sustainable design, with the use of recycled materials and bio-based plastic, and a focus on minimising environmental impact
- ENERGY STAR qualified

## Configuration

### iR-ADV 8585 Pro



#### BOOKLET FINISHER-X1

- 3-tray, 4,250-sheet capacity
- Corner and double stapling up to 100 sheets
- Booklet-making up to 20 sheets and saddlefolding up to 5 sheets
- Supports optional internal 2/4 and 4-hole puncher (Puncher Unit-BG1 and BH1) and booklet trimming (Inner Booklet Trimmer-A1)



#### STAPLE FINISHER-X1

- 3-tray, 4,250-sheet capacity
- Corner and double stapling up to 100 sheets
- Supports optional internal 2/4 and 4-hole puncher (Puncher Unit-BG1 and BH1)



#### PAPER FOLDING UNIT-J1

- Z-fold, C-fold, Half-fold, Accordion Z-fold, Double-parallel Fold



#### MULTI FUNCTION PROFESSIONAL PUNCHER-A1

- Supports various die sets
- Up to 256 gsm
- Supports A3, A4, A4R
- 1 00,000 sheet punch tray capacity
- Enhanced die durability



#### DOCUMENT INSERTION UNIT-N1

- Insert preprinted sheets
- Up to A3
- Two trays
- 4 00-sheet total capacity



#### BOOKLET FINISHER-V1

- 3-tray, 3,500 -sheet capacity
- Corner and double stapling up to 65 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 65 sheets (80 gsm)
- Supports optional 2/4 and 4 hole inner Puncher - 2/4 Hole Puncher Unit-A1 and 4 Hole Puncher Unit-A1



#### STAPLE FINISHER-V1

- 3-tray, 3,500 -sheet capacity
- Corner and double stapling up to 65 sheets (80 gsm)
- Supports Eco stapling 4 sheets (80 gsm) and Staple On Demand 65 sheets (80 gsm)
- Supports optional 2/4 and 4 hole inner Puncher - 2/4 Hole Puncher Unit-A1 and 4 Hole Puncher Unit-A1



#### MFP MODEL

#### PRINTER MODEL



#### PAPER DECK UNIT-E1

- 3,500-sheet capacity
- Supports A4



#### POD DECK LITE-C1

- 3,500-sheet capacity
- 52 to 256 gsm
- Supports up to A3
- User adjustable



#### imagePASS-Y1

- Delivers fast processing speed, outstanding image quality, and time-saving workflow




INNER TRIMMER



INNER PUNCHERS


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iR-ADV 8595 Pro / 8505 Pro




**BOOKLET TRIMMER-D1**  
\*Requires BOOKLET FINISHER-W1 PRO

- 2-tray, 5,000-sheet capacity
- Corner and double stapling up to 100 sheets
- Booklet-making up to 25 sheets and saddle-folding up to 5 sheets
- Supports optional internal 2/4 and 4-hole puncher (Puncher Unit-BT1 and BG1) and optional booklet trimming (Booklet Trimmer-D1)
- Precise output stacking alignment
- Enhanced durability for high volumes




**BOOKLET FINISHER-W1 PRO**

- 2-tray, 5,000-sheet capacity
- Corner and double stapling up to 100 sheets
- Booklet-making up to 25 sheets and saddle-folding up to 5 sheets
- Supports optional internal 2/4 and 4-hole puncher (Puncher Unit-BT1 and BG1) and optional booklet trimming (Booklet Trimmer-D1)
- Precise output stacking alignment
- Enhanced durability for high volumes




**STAPLE FINISHER-W1 PRO**

- 2-tray, 5,000-sheet capacity
- Corner and double stapling up to 100 sheets
- Supports optional internal 2/4 and 4-hole puncher (Puncher Unit-BT1 and BG1)
- Precise output stacking alignment
- Enhanced durability for high volumes




**BOOKLET FINISHER-X1**

- 3-tray, 4,250-sheet capacity
- Corner and double stapling up to 100 sheets
- Booklet-making up to 20 sheets and saddlefolding up to 5 sheets
- Supports optional internal 2/4 and 4-hole puncher (Puncher Unit-BG1 and BH1) and booklet trimming (Inner Booklet Trimmer-A1)




**STAPLE FINISHER-X1**

- 3-tray, 4,250-sheet capacity
- Corner and double stapling up to 100 sheets
- Supports optional internal 2/4 and 4-hole puncher (Puncher Unit- BG1 and BH1)




**DOCUMENT INSERTION UNIT-N1**

- Insert preprinted sheets
- Up to A3
- Two trays
- 4 00-sheet total capacity




**MFP MODEL**      **PRINTER MODEL**




**PAPER DECK UNIT-E1**      **POD DECK LITE-C1**

- 3,500-sheet capacity
- Supports A4
- 3,500-sheet capacity
- 52 to 256 gsm
- Supports up to A3
- User adjustable




**MULTI FUNCTION PROFESSIONAL PUNCHER-A1**

- Supports various die sets
- Up to 256 gsm
- Supports A3, A4, A4R
- 1 00,000 sheet punch tray capacity
- Enhanced die durability




**imagePASS-Y1**

- Delivers fast processing speed, outstanding image quality, and time-saving workflow



**PAPER FOLDING UNIT-J1**

- Z-fold, C-fold, Half-fold, Accordion Z-fold, Double-parallel Fold



**INNER TRIMMER**      **INNER PUNCHERS**

## Technical Specifications

### MAIN UNIT

#### Machine type

#### Core functions

#### Processor Speed

#### Control Panel

#### Memory

#### Hard Disk drive

#### Mirroring Hard Disk Drive

#### Interface Connection

#### Paper Input (Standard)

#### Paper Input (Option)

#### Maximum Paper Input Capacity

#### Paper output capacity

#### Supported media types

Monochrome Laser Multifunctional  
Print, Copy, Scan, Send, Store and Optional Fax  
Canon Dual Custom Processor (Shared)  
10.4 inch TFT LCD SVGA Color Touchpanel  
MFP Model  
10.1 inch TFT LCD WSVGA Color Touchpanel  
Standard: 3.0 GB RAM  
Standard: 250 GB Maximum: 1TB  
Optional 250 GTB, 1 TB), Method: Raid1  
NETWORK Standard: 10Base-T/100Base-TX/ 1000Base-T,  
Wireless LAN (IEEE 802.11 b/g/n); Optional: NFC  
OTHERS Standard: USB 2.0 (Host) x2, USB 3.0 (Host) x1, USB 2.0 (Device) x1; Optional: Serial Interface, Copy Control Interface  
2 x 1500-sheet cassettes + 2 x 550-sheet cassettes (80 gsm)  
100-sheet multi-purpose tray (80 gsm)  
Additional 3,500 sheets (80 gsm)  
(POD DECK LITE-C1 or PAPER DECK UNIT-E1)  
7,700 sheets (80 gsm)

With External Finishers: Max. 5,000 sheets (A4)  
Upper Left/Right Cassettes(1/2):  
Thin paper, Plain paper, Recycled paper, Colour paper, Heavy paper, Pre-punched paper, Letterhead, Bond paper  
Lower Cassettes (3/4):  
Thin paper, Plain paper, Recycled paper, Colour paper, Heavy paper, Prepunched paper, Letterhead, Bond paper, Tab paper\*.  
- Tab paper can be fed from cassette 3 & 4 when the optional TAB FEEDING ATTACHMENT KIT-B1 is installed.  
Multi-purpose tray:  
Thin paper, Plain paper, Recycled paper, Colour paper, Heavy paper, Prepunched paper, Bond, Transparency, Labels, Letterhead, Envelope, Clear Film, Tab paper, Tracing  
\*Some types of tracing paper cannot be used  
POD DECK LITE-C1: Thin paper, Plain paper, Recycled paper,

#### Supported media sizes

#### Supported media weights

#### Warm-up Time

#### Dimensions (H x W x D)

#### Installation Space (H x W x D)

#### Weight

Colour paper, Heavy paper, Pre-punched paper, Letterhead, Bond paper, Transparency, Labels, Tab paper  
PAPER DECK UNIT-E1: Thin paper, Plain paper, Recycled paper, Colour paper, Heavy paper, Pre-punched paper, Letterhead, Bond paper  
Upper Left/Right Cassettes(1/2):  
Standard size: A4  
Lower Cassettes (3/4):  
Standard size: 330 mm x 483 mm, 320 mm x 450 mm (SRA3), 305 mm x 457 mm, A3, A4, A4R, A5R  
Custom size: 139.7 mm x 182 mm to 330.2 mm x 487.7 mm  
Multi-purpose tray:  
Standard size: 330 mm x 483 mm, 320 mm x 450 mm (SRA3), 305 mm x 457 mm, A3, A4, A4R, A5R  
Custom size: 100 mm x 148 mm to 330 mm x 487.7 mm  
Free size: 100 mm x 182 mm to 330.2 mm x 487.7 mm  
POD DECK LITE-C1:  
A3, A4, A4R, A5R, SRA3, 330 mm x 483 mm, 305 mm x 457 mm and Custom size (139.7 mm x 182 mm to 330.2 mm x 487.7 mm)  
PAPER DECK UNIT-E1:  
A4  
Cassettes: 52 to 220 gsm  
Multi-purpose tray: 52 to 256 gsm  
Duplex: 52 to 220 gsm  
From Power On: 60 Seconds or Less  
From Sleep Mode: 60 Seconds or Less  
Quick Startup Mode: 4 Seconds  
1481 mm x 770 mm x 1252 mm  
4,098 mm x 1,617 mm (POD DECK LITE-C1 + BOOKLET FINISHER W1 + DOCUMENT INSERTION UNIT-N1 + PAPER HOLDING UNIT-J1 + BOOKLET TRIMMER-D1)  
Approx. 240 kg



# Technical Specifications

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## PRINT SPECIFICATIONS

**Printing method**  
**Print Speed**  
  
**Print Resolution**  
**Page description languages**  
**Double Sided Printing**  
**Direct Print**

Monochrome laser beam printing  
iR-ADV 8585 Pro: 85 ppm (A4), 44 ppm (A3), 63 ppm (A4R), 85 ppm (A5R)  
iR-ADV 8595 Pro: 95 ppm (A4), 50 ppm (A3), 69.1 ppm (A4R), 95 ppm (A5R)  
iR-ADV 8505 Pro: 105 ppm (A4), 54 ppm (A3), 76.3 ppm (A4R), 105 ppm (A5R)  
1200 dpi x 1200 dpi, 600 dpi x 600 dpi  
UFR II, PCL 5e/6 (optional), Adobe PS 3 (optional)  
Automatic (Standard)  
Direct printing from USB memory key, Advanced box, Remote UI and Web Access  
- Requires PS kit or Direct Print Kit.

**Printing from mobile and cloud**  
**Fonts**  
  
**Operating System**

A range of software and MEAP-based solutions is available to provide printing from mobile devices or internet-connected devices and cloud-based services.  
PCL fonts: 93 Roman, 10 Bitmap fonts, 2 OCR fonts, Andalé Mono WT J/K/S/T (Japanese, Korean, Simplified and Traditional Chinese)  
Requires optional PCL INTERNATIONAL FONT SET-A1.  
PS fonts: 136 Roman  
UFR II: Server 2003/Server 2003 R2/Vista/Server 2008/Windows 7/Server 2008 R2/Windows 8/Server 2012/Windows 8.1/Server 2012 R2/Windows 10, MAC OS X (10.5.8 or later)  
PCL: Server 2003/Server 2003 R2/Vista/Server 2008/Windows 7/Server 2008 R2/Windows 8/Server 2012/Windows 8.1/Server 2012 R2/Windows 10  
PS: Server 2003/Server 2003 R2/Vista/Server 2008/Windows 7/Server 2008 R2/Windows 8/Server 2012/Windows 8.1/Server 2012 R2/Windows 10, MAC OS X (10.5.8 or later)  
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

## COPY SPECIFICATIONS (MFP MODELS ONLY)

**Copy Speed**  
  
**First-Copy-Out Time**  
**Copy resolution**

iR-ADV 8585 Pro: 85 ppm (A4), 44 ppm (A3), 63 ppm (A4R), 85 ppm (A5R)  
iR-ADV 8595 Pro: 95 ppm (A4), 50 ppm (A3), 69.1 ppm (A4R), 95 ppm (A5R)  
iR-ADV 8505 Pro: 105 ppm (A4), 54 ppm (A3), 76.3 ppm (A4R), 105 ppm (A5R)  
Approx. 2.7 seconds or less  
Reading: 600 dpi x 600 dpi  
Printing: 1200 dpi x 1200 dpi

## SCAN SPECIFICATIONS (MFP MODELS ONLY)

**Standard**  
**Type**  
**Supported media size/s**  
**Supported media weight/s**  
**Pull Scan Spec**  
**Scan Resolution**  
**Acceptable Originals**  
  
**Scan Speed (BW/Color; A4)**  
  
**Paper Capacity**  
**Double sided scanning**

Colour flatbed scan unit and 300-sheet duplex automatic document feeder (1-Pass duplex colour scan).  
Colour flatbed plus Single-pass duplex automatic document feeder (1-Pass Duplex Scan)  
A3, A4, A4R, A5, A5R  
Single-sided scanning: 38 to 220 gsm/64 to 220 gsm (BW/CL)  
Double-sided scanning: 50 to 220 gsm/64 to 220 gsm (BW/CL)  
Colour Network ScanGear2. For both TWAIN Land 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  
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  
Platen: Sheet, Book, 3-Dimensional Objects (up to 2kg)  
Feeder size: A3, A4, A4R, A5, A5R  
Feeder weight: 1-sided scanning: 38 to 220 gsm/64 to 220 gsm (BW/CL)  
2-sided scanning: 50 to 220 gsm/64 to 220 gsm (BW/CL)  
Single-sided (A4, 300 dpi): 120/120 ipm;  
Single-sided (A4, 600 dpi): 120/60 ipm (BW/CL);  
Double-sided (A4, 600 dpi): 120/60 ipm  
Double-sided (A4, 300 dpi): 240/220 ipm (BW/CL)  
300 Sheets (80 gsm)  
2-sided to 2-sided (Automatic)

## SEND SPECIFICATIONS

**Optional/standard**  
**Destination**  
**Colour Mode**  
  
**Send resolution**  
  
**Communication protocol**  
  
**File Format**

Standard on all models  
E-Mail/Internet FAX (SMTP), SMB, FTP, WebDAV  
Auto Colour Select (Full Colour, Grayscale),  
Auto Colour Select (Full Colour/Black-and-White)  
Full Colour, Grayscale, and Black-and-White  
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  
File: FTP, SMB, WebDAV  
E-mail/I-Fax: SMTP, POP3, I-Fax (Simple, Full)  
Standard: TIFF, JPEG, PDF (Compact, Searchable, Apply policy, Optimise for Web, PDF A/1-b), XPS (Compact, Searchable), Office Open XML (PowerPoint, Word)

## FAX SPECIFICATIONS

**Optional/standard**  
**Maximum Number of Connection Lines**  
**Modem Speed**  
**Compression Method**  
**Resolution**  
**Sending/Recording Size**  
  
**FAX memory**  
**Memory backup**

Optional on all models  
2  
Super G3: 33.6 kbps , G3: 14.4 kbps  
MH, MR, MMR, JBIG  
400 x 400 dpi, 200 x 400 dpi, 200 x 200 dpi, 200 x 100 dpi  
A3, A4, A4R, A5<sup>1</sup>, A5R<sup>2</sup>  
<sup>1</sup> Pels stands for picture elements (pixels)  
<sup>2</sup> Sent as A4  
Up to 6,000 pages  
Yes

## STORE SPECIFICATIONS

**Advanced space**  
  
**Advanced Space available disc space**  
  
**Memory Media**

Communication Protocol: SMB or WebDAV  
Supported Client PC: Windows (Windows Vista/7/8/8.1/10)  
Concurrent Connections (Max.):  
SMB: 64  
WebADV: 3 (Active Sessions)  
Approx. 16 GB (Standard HDD)  
Approx. 480 GB (1 TB HDD)  
Standard: USB Memory

## SECURITY SPECIFICATIONS

**Authentication**  
  
**Data**  
  
**Network**  
  
**Document**

Standard: Universal Login Manager, User Authentication, DepartmentID Authentication, (Device and Function Level Login), Access Management System  
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) Optional: Hard Disk Drive Mirroring, Hard Disk Drive removal, Data Loss Prevention (Requires uniFLOW)  
Standard: IP/Mac Address Filtering, IPSEC, TLS Encrypted Communication, SNMP V3.0, IEEE 802.1X, IPv6, SMTP Authentication, POP Authentication before SMTP  
Standard: Secure Print, Adobe LiveCycle® Rights Management ES2.5 Integration, Encrypted PDF  
Optional: Encrypted Secure Print, User and Device signatures, Secure Watermarks, Document Scan locking

## ENVIRONMENTAL SPECIFICATIONS

**Operating Environment**  
  
**Power source**  
**Power consumption**  
  
**Noise levels**  
  
**Standards**

Temperature: 10 to 30 °C (50 to 86 °F)  
Humidity: 20 to 80 % RH (no condensation)  
220-240 V (±10 %), 50/60 Hz (±2 Hz), 10 Amp  
Maximum: Approx. 2.4 KW  
Standby: Approx. 222 W  
Energy Saver Mode: Approx. 193 W  
Sleep mode: Approx. 0.9 W or less<sup>1</sup>  
Typical Electricity Consumption (TEC) rating<sup>2</sup>:  
9.1 kWh (iR-ADV 8585 Pro), 10.9 kWh (iR-ADV 8595 Pro), 10.7 kWh (iR-ADV 8505 Pro)  
Sound Pressure<sup>1</sup>  
Active: 75 dB or Less  
Standby: 58 dB or Less  
ENERGY STAR® Qualified  
Blue Angel

## Software and Solutions



## Certifications and compatibility



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