

imageFORCE  
1643 / 1643F

**Canon**  
Delighting You Always

# EFFORTLESS CONTROL AT YOUR FINGERTIPS



imageFORCE 1643 series combine high-speed performance with an exceptional user experience, transforming complex tasks into simple, seamless operations. From one-touch job execution to secure, encrypted workflows, every interaction is engineered for maximum productivity with minimal effort.



## SECURE AND RELIABLE

imageFORCE 1643 series comes with the latest security features, giving you peace of mind to focus on driving business results.



### Encrypted Secure Print

Prevent data leaks by ensuring print jobs are securely encrypted before being sent to the device.



### Verify System at Start up

Checks the firmware and application integrity during device startup.



### User Authentication

Restrict access to verified and approved users only to minimise the risk of data breaches.



## SMART OPERATION

Take complete command of your document workflows with a responsive, customisable interface designed for instant navigation and ease of use.



### 7" 7-Inch Colour Touch Panel

Navigate effortlessly with a large, responsive display featuring simple, clear icons and customisable layouts.



### Smart Timeline Function

Re-execute jobs with one touch from the displayed history, or long-press to create shortcuts for frequently used settings.



### Guided Help & QR Codes

Access step-by-step manuals instantly by scanning QR codes directly from the help screen.



**Business Can Be Simple**

# imageFORCE 1643/1643F series Specifications

## Main unit

**Machine type**  
Monochrome A4 Laser Multifunctional

**Core functions**  
1643: Print, Copy, Scan, Send  
1643F: Print, Copy, Scan, Send and Fax

**Control Panel**  
7 inch TFT LCD WVGA colour Touch panel

**Memory**  
Standard: 2.0GB RAM

**Storage**  
eMMC: 30GB

**Interface connection**  
Network  
Standard: 1000Base-T/100Base-TX/10Base-T,  
Wireless LAN (IEEE 802.11 b/g/n) .

**Others**  
Standard:  
USB 2.0 (Host) x2, USB 2.0 (Device) x1

**Memory Media:**  
USB Memory

**Network Security:**  
TLS 1.3, IPsec, IEEE802.1X authentication, SNMPv3,  
Firewall Functionality (IP/MAC Address Filtering),  
Dual Network Support (Wired LAN/Wireless LAN,  
Wired LAN/Wired LAN), WPA3 support (Wi-Fi),  
Enabling/Disabling (Network Applications,  
Remote UI, USB Interface), G3 FAX separation from  
LAN, USB Port separation from LAN, Scan and  
Send -Virus Concerns for E-mail Reception

**Document Security:**  
Print Security (Secure Print, Encrypted Secure  
Print, Forced Hold Printing, uniFLOW Secure Print™),  
Receive Data Security (Confidential Fax Inbox  
Forwarding Received Documents Automatically),  
Scan Security (Encrypted PDF, Device Signature  
PDF/XPS, User Signature PDF/XPS). Send Data  
Security (Setting for requesting password input  
per transmission, Restricted E-mail/File send  
functions, Confirming FAX number, Allow/Restrict  
Fax Driver Transmissions, Allow/Restrict Sending  
from History, S/MIME Support)  
\* Requires optional uniFLOW Online / uniFLOW

**Paper supply capacity (A4, 80gsm)**  
Standard:  
Paper Cassette: 550-sheet  
Multi-purpose tray: 100-sheet  
Maximum: 2300 sheets  
(with PAPER FEEDER PF-C1)

**Paper output capacity (A4, 80gsm)**  
Standard: 150 Sheets

**Finishing capabilities\***  
Collate, Group

**Supported media types**  
Paper Cassette:  
Thin, Plain, Recycled, Colour, Heavy, Bond,  
Letterhead

Multi-purpose Tray:  
Thin, Plain, Recycled, Colour, Heavy, Bond,  
Labels, Envelope, PostCard, Letterhead

**Supported media sizes**  
Paper Cassette:  
A4, A5, A5R, A6, B5, LTR, LGL, STMT, EXEC,  
OFICIO, B-OFCICIO, M-OFCICIO, GLTR, GLGL,  
FLS, AFLS, indianLGL, 16K, F4A, Custom  
(Min. 105.0 x 148.0 mm to Max. 216.0 x 355.6 mm)

Multi-purpose tray:  
A4, A5, A5R, A6, B5, LTR, LGL, STMT, EXEC,  
OFICIO, B-OFCICIO, M-OFCICIO, GLTR, GLGL,  
FLS, AFLS, indianLGL,  
Index Card, Envelope:COM10, Monarch, C5,  
DL(Overseas), Custom (Min. 76.2 x 127.0 mm to  
Max. 216.0 x 355.6 mm)

**Supported media weights**  
Paper Cassette: 60 to 120 gsm  
Multi-purpose tray: 60 to 199 gsm  
Duplex: 60 to 120 gsm

**Warm-up Time**  
Quick Startup Mode: 4 Seconds or less\*  
\*Time from device power-on to when the copy icon appears  
and is enabled to operate on the touch panel display.

From Sleep Mode:  
20 Seconds or less

**Dimensions (W x D x H)**  
480 x 668 mm\*

**Installation Space(W x D)**  
480 x 668 mm\*  
\*Cassette and back door opened

**Weight \* including regular toner**  
Approx. 25 kg

## Print Specifications

**Print Speed (BW/CLR)**  
1-sided: Up to 43 ppm (A4),  
Up to 45 ppm (A5, A6)  
2-sided: Up to 36 ppm (A4)

**Print Resolution (dpi)**  
600 x 600

**Page description languages**  
Standard: UFR II, PCL6, PCL5,  
Adobe PostScript 3

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

**Printing from mobile and cloud Application**  
AirPrint, Mopria, IPP Everywhere, Canon PRINT,  
uniFLOW Online and Universal Print

**OS Standard Printing**  
Android/ Windows® 10/ Windows® 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,  
Anatole Mono WT J/K/S/T<sup>1</sup> (Japanese, Korean,  
Simplified and Traditional Chinese), Barcode  
fonts<sup>2</sup>  
<sup>1</sup> Optional PCL International Font Set-A1 is required.  
<sup>2</sup> Optional Barcode Printing Kit-D1 is required.

**Operating system**  
UFR II: Windows® 10/ 11/ Server2016/ Server2019/  
Server2022/ Server2025, macOS (10.15 or later)

PCL: Windows® 10/ 11/ Server2016/ Server2019/  
Server2022/ Server2025

PS: Windows® 10/11/ Server2016/ Server2019/  
Server2022/ Server2025, macOS (10.15 or later)

PPD: Windows® 10/ 11, macOS (10.15 or later)

\* At the timing of Jul. 2025.

## Copy Specifications

**Copy Speed (BW and CL)**  
1-sided: Up to 43 ppm (A4),  
Up to 45 ppm (A5, A6)  
2-sided: Up to 36 ppm (A4)

**First-Copy-Out Time (A4, BW/CL)**  
Approx. 6.3 seconds (A4)

**Copy resolution (dpi)**  
600×600 (Platen / Default),  
600×600 (ADF),  
300×600 (ADF / Default)

**Multiple Copies**  
Up to 9,999 copies

**Copy Density**  
Automatic or Manual  
(9 Levels)

**Magnification**  
Variable zoom: 25% to 400% (1% Increments)

## Send Specifications

**Destination**  
Standard: E-mail/Internet FAX (SMTP\*), SMB, FTP,  
WebDAV, Mail Box  
\*Available OAuth 2.0 authentication method on Microsoft 365  
and Google Workspace

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

**Communication protocol**  
File: FTP (TCP/IP), SMB (TCP/IP), WebDAV  
E-mail/I-Fax: SMTP, POP3

**File Format**  
TIFF(MMR), JPEG, PDF(Compact, OCR (Text  
Searchable)), Optimize for Web, PDF/A-1b,  
Trace&Smooth, Encrypted, Device Signature, User  
Signature), XPS(Compact, OCR (Text  
Searchable), Device Signature, User Signature),  
Office Open XML (PowerPoint, Word)

## Scan Specifications

**Type**  
Standard: Single-pass Duplexing Automatic  
Document Feeder

**Document Feeder Paper Capacity(80gsm)**  
Up to 50 sheets

**Document Feeder acceptable paper weight**  
1-sided/2-sided continuous scanning:  
50 to 105 gsm

**Supported media sizes**  
Platen scanning size: up to 216 x 355.6 mm  
Document Feeder media size: A4R, B5R, A5R, A6R,  
LGL, LTRR, STMT  
Custom size: 48.0×85.0 to 216.0×355.6 mm

**Scan Speed (ipm: A4)**  
1-sided Scanning: 50/50 (300 x 300 dpi, send),  
50 (300 x 600 dpi, copy)  
2-sided Scanning: 100/100 (300 x 300 dpi, send),  
100 (300 x 600 dpi, copy)

**Scan Resolution (dpi)**  
Scan for Copy: Up to 600dpi x 600dpi

Scan for Send: (Push,BW) Up to 600dpi x 600dpi,  
(Pull,BW) Up to 600dpi x 600dpi,  
(Push,CL) Up to 300dpi x 300dpi,  
(Pull,CL) Up to 300dpi x 300dpi

Scan for Fax: up to 600dpi x 600dpi

**Pull Scan Specifications**  
Color Network ScanGear2 for both TWAIN  
and WIA  
Supported OS: Windows® 10/ 11/ Server 2016/  
Server 2019/ Server 2022/ Server 2025  
As of Dec. 2024

## Consumables

**Toner Cartridge/s**  
106 TONER BK

**Toner Yield (Estimated @ 5.0% Coverage)**  
106 TONER BK: 20,500 pages

## Environmental Specifications

**Operating environment**  
Temperature: 10 to 30°C  
Humidity: 20 to 80 % RH  
(Relative Humidity)

**Power source**  
220-240 V,50/60 Hz,  
3.4 A

**Power consumption**  
Maximum: Approx. 1,400 W  
Sleep mode: Approx. 1.0 W\*  
\*1.0 W is not available in all circumstances due to certain  
settings.

## Fax Specifications (1643F Only)

**Maximum Number of Connection Lines**  
1

**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:  
A4, B5<sup>1</sup>, A5R<sup>1</sup>, A6R<sup>1</sup>  
<sup>1</sup> Sent as A4  
LGL, LTR, STMT

Receiving:  
A4, B5, A5, A5R, LGL, LTR, STMT

**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

## Paper Supply Options

**Paper Feeder PF-C1**  
Paper Capacity: 550 sheets  
Paper Type: Thin, Plain, Recycled, Colour, Heavy,  
Bond, Letterhead

Paper Size:  
A4, A5, A5R, A6, B5, LTR, LGL, STMT, EXEC,  
OFICIO, B-OFCICIO, M-OFCICIO, GLTR, GLGL,  
FLS, AFLS, indianLGL,  
Custom (Min. 105.0 x 148.0 mm to Max. 216.0 x  
355.6 mm)



Partner / Dealer Stamp

To arrange for a demonstration, simply contact any of our offices below.

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