

# imageRUNNER 1643iF

## Main Unit

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Type	Monochrome Laser Multifunctional
Core Functions	Print, Copy, Scan, Send, Fax
Processor	Canon Dual Custom Processor (Shared)
Operation Panel	5" TFT LCD WVGA Colour Touch Panel
Memory	1.0 GB RAM
Interface Connection	Network (Standard): 1000Base-T/100Base-TX/10Base-T, Wireless LAN (IEEE 802.11 b/g/n), NFC, Wi-Fi Direct Connection; Others (Standard): USB 2.0 (Host) x2, USB 2.0 (Device) x1
Paper Sources (LTR, 20 lb. Bond)	Standard: 550-sheet Paper Cassette, 100-sheet Stack Bypass; Optional: 550-sheet Paper Feeder PF-C1 (up to 3)
Paper Output Capacity (LTR, 20 lb. Bond)	Maximum: 150 Sheets
Supported Media Sizes	Cassette: Letter, Legal, Statement, Executive; Bypass: Letter, Legal, Statement, Executive, Custom size (3" x 5" to 8-1/2" x 14"), Envelope (C5/DL/COM-10/Monarch)
Supported Media Weights	Cassette: 16 lb. Bond to 32 lb. Bond (60 to 120 g/m <sup>2</sup> ); Bypass: 16 lb. Bond to 73 lb. Cover (60 to 199 g/m <sup>2</sup> )

## Copy Speed/Print

Speed Up to 45 ppm (Letter); Up to 36 ppm (Legal)

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Warm-up Time From Power On: 14 Seconds or less (Time from device power-on until copy ready - not print reservation); From Sleep Mode: 4 Seconds or less

## Dimensions (W x D x

H) 19-7/16" x 18-5/16" x 17-3/16"

## Installation Space (W x

D) 27-7/8" x 43-1/2" (708 mm x 1105 mm)

## Weight

Approx. 41.9 lb. (includes consumables)

# Print Specifications

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## First-Print-Out Time

(LTR) Approx. 5.7 Seconds

## Print Resolution (dpi)

600 x 600

## Standard Page

## Description

UFR II LT, PCL ® 5e/6, Adobe® PS® 3; Optional: Barcode Printing Kit

## Languages

## Direct Print Support

Supported File Types: TIFF, JPEG, PDF, and XPS (only LPR) available from USB memory, LPR

## Print Features

Suspend Job Timeout, Profile Settings, Secure Print, Header/Footer, Page Layout, Two-sided Printing, Collating, Booklet Printing, Grouping, Mixed

Paper Sizes/Orientations, Front/Back Covers, Toner Reduction, Poster

Printing

Windows 10/8.1/7 (32/64 bit), Windows Server (2019/2016/2012 R2 (64

Operating System

bit)/2012 (64 bit)/2008 R2 (64 bit)/2008 (32/64 bit), Mac® (OS X 10.6 and

later => 10.9~ 10/14), Linux (Web Distribution)

Drivers

UFR II, PCL® 5/6, Adobe® PS® 3

## Copy Specifications

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First-Copy-Out Time

(LTR)

As fast as 6.0 Seconds (via Platen)

Copy Resolution

(dpi)

Reading/Printing: Up to 600 x 600

Copy Specifications

Automatic or Manual (9 Levels)

Multiple Copies

Up to 999

Magnification

25% - 400% (1% Increments) from Platen Glass

Preset Reductions

25%, 50%, 64%, 78%

Preset Enlargements

129%, 200%, 400%

Basic Copy Features

Preset R/E Ratios by Area, Paper Setting, Favourite Setting, Two-Sided,

Density Adjustment, Original Type Selection

Special Copy

Two-sided Original, Sort, Job Build, N on 1, Different Size Originals, Density

Features

Adjustment, Original Type Selection, Sharpness, Erase Frame, Copy ID Card

# Scan Specifications

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Type	Duplexing Automatic Document Feeder
Document Feeder Paper	
Capacity	LTR: 50 sheets (20 lb. Bond), LGL: 30 sheets (20 lb. Bond)
Maximum Original Size	Up to 8-1/2" x 14"
Document Feeder Supported	
Media Sizes	4-1/8"vx 5: to 8-1/2" x 14"
Document Feeder Supported	
Media Weights	Simplex: 13 lb. to 28 lb. Bond (50 to 105 g/m <sup>2</sup> ); Duplex: 17 lb. to 28 lb. Bond (64 to 105 g/m <sup>2</sup> )
Platen Acceptable Originals	Sheet, Book, 3-Dimensional Objects
Network TWAIN Scan	Standard
Network Scan Utility	ScanGear MF
Scan Resolution (dpi)	Up to 600 x 600
Scan Speed (LTR, 300 dpi)	Simplex: Up to 38 ipm (BW)/13 ipm (Colour); Duplex: Up to 70 ipm (BW)/26 ipm (Colour)
Scan Speed (LTR, 600 dpi)	Simplex: Up to 21 ipm (BW); Duplex: Up to 35 ipm (BW)

# Send Specifications

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Destination	E-mail/Internet FAX (SMTP), SMB, FTP
Colour Mode	Colour, BW
Scan Resolution (dpi)	600 dpi, 300 dpi (CL/BW)
Address Book	LDAP (50)/Local (300)/Speed Dial (281)
Communication Protocol	File: FTP (TCP/IP), SMB (TCP/IP); Email: SMTP, POP3
File Format	Standard: TIFF, JPEG, PDF (Compact, Searchable, Encrypted, Digital Signature)
Universal Send Features	Original Type Selection, Two-sided Original, Densit Adjustment, Sharpness, File Name, Subject/Message, E-mail Priority, TX Report, Original Content Orientation

# Fax Specifications

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Maximum Number of Connection Lines	One
Modem Speed	Super G3: 33.6 Kbps; G3: 14.4Kbps
Compression Method	MH, MR, MMR, JBIG

Resolution (dpi)	400 x 400, 200 x 400, 200 x 200, 200 x 100
Sending/Recording Size	Letter, Legal, Statement, Executive
Fax Features	Two-sided Original, Density (for Scanning), Sharpness, TX Report, RX Mode, Resolutions, Favourite Settings

## Store Specifications

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Memory Media	Standard: USB
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## Security Specifications

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Authentication	Standard: Department ID, Embedded Universal Login Manager, uniFLOW Online Express (no charge for this solution, however activation is required); Optional: uniFLOW and uniFLOW Online
Network	Standard: IP/Mac Address Filtering, IPSEC, TLS Encrypted Communication, SNMP V3.0, IEEE 802.1X, IPv6, SMTP Authentication, POP Authentication before SMTP
Document	Standard: Secure Print, Encrypted PDF, Device Signature

## Environmental Specifications

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Power Requirements	120-127 V, 60 Hz, 7.1 A
Power	Maximum: Approx. 1430 W; Sleep Mode: 0.9 W (not available in all circumstances due to certain settings); Typical Electricity Consumption (TEC) Rating: 0.4 kWh

Consumption	(Based on ENERGY STAR Product Specification for Imaging Equipment Version 3.0)
Plug (Main Unit)	NEMA 5-15P
Standards	ENERGY STAR® Certified

## Paper Supply Options - Paper

### Capacity

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Paper Capacity	550 sheets [20 lb. Bond (80 g/m <sup>2</sup> )]
Paper Type	Thin, Plain, Thick, Colour, Recycled, Bond
Paper Size	LTR, LGL, STMT, EXE, Custom Size: 4-1/8" x 5-7/8" to 8-1/2" x 14" (105 mm x 148 mm to 216 mm x 355.6 mm)
Paper Weight	16 lb. Bond to 32 lb. Bond (60 to 120 g/m <sup>2</sup> )
Power Source	From the Main Unit
Dimensions (W x D x H)	480 mm x 464 mm x 842 mm (Attached to Main Unit)
Weight	8.8 lb.

# Paper Supply Options - Cabinet Type-

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Dimensions (W x D x H) 20-15/16" x 20-9/16" x 17" (532 mm x 522 mm x 432 mm)

Weight 33.07 lb.

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## Other

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Options USB Keyboard, Universal Keyboard Stand-A1, Card Reader Assembly for Universal Keyboard Stand, ADF Access Handle-A1, Copy Control Interface Kit-C1, Barcode Printing Kit-E1, MiCard Attachment Kit-B1

## Consumables

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Toner 20,500 Images (Estimated Yield @ ISO 19752 Coverage) NOTE: Toner not included in  
Yield the main unit

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