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Canon

FAST SCANNING AND ADVANCED MOBILE CONNECTIVITY

imageRUNNER 1643iF
Black & White Multifunction Laser Printer

Small businesses and corporate workgroups depend on solutions that help maximise resources, boost productivity, and are easy to manage. The cost-efficient imageRUNNER 1643iF can do all that, and more. With fast output, scanning, faxing, and high reliability, this multifunction device helps you accomplish a lot in a small space.
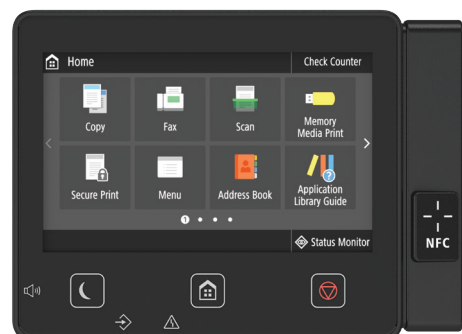
PERFORMANCE

With a first-copy-out time as fast as 6.3 seconds and output up to 43 ppm, the imageRUNNER 1643iF is a quick performer. Scan documents in black and white and colour to email addresses or networked locations. The 5" intuitive, colour touchscreen display has smartphone-like usability. The standard 650-sheet capacity can be increased to 2,300 sheets to handle many jobs without interruption.

SECURITY

Canon's uniFLOW® solution lets users securely retrieve documents from any networked device after authentication. Standard security features include the ability to send encrypted PDFs and add a digital device signature to PDF files. These models also include technology to verify that the device boot process, firmware and applications initialise without tampering.

COST CONTROL

Designed with your bottom line in mind, the Canon imageRUNNER 1643iF helps minimise costs and maximise reliability while the robust design helps ensure dependable operation. Canon's uniFLOW® software can help control costs by managing, tracking, and charging back usage. And simple-to-replace, high-yield consumables help keep work moving while achieving a low cost per page.

imageRUNNER 1643iF SPECIFICATIONS

Print

Printing Method	Monochrome Laser Beam Printing
Print Speed	Single sided: Up to 43 ppm (A4) Double sided: Up to 36 ppm (A4)
Print Resolution (Max.)	600 × 600 dpi
Print Quality with Image Refinement Technology	Up to 1200 × 1200 dpi
Warm-up Time (from Power On)	Quick startup OFF: 30 sec or less Quick startup ON: 3 sec or less
First Printout Time (FPOT)	Approx. 6.2 sec or less
Recovery Time (From Sleep Mode)	3 sec or less
Print Language	UFRII, PCL 5e, PCL6, Adobe® PostScript
Auto Duplex Print	Standard
Available Paper Size for Auto Duplex Print	A4, Legal, Letter, Foolscap, Indian Legal
USB Direct Print	Supported File Format: JPEG, TIFF, PDF
Print Margins	5 mm – top, bottom, left and right (Envelope: 10 mm)
Print Features	Poster, Booklet, Watermark, Page Composer, Toner Saver
Advanced Printing Features	Secure Print; Print from USB memory key (JPEG/TIFF/PDF); Barcode Print; Touch and Print (NFC); Google Cloud Print Ready; iOS: AirPrint, Canon PRINT Business app; Android; Mopria certified, Canon PRINT Business app, Canon Print Service Plug-in

Copy

Copy Speed	Single sided (A4): Up to 43 ppm Double sided (A4): Up to 34.4 ppm
Copy Resolution	600 × 600 dpi
First Copy Time (FCOT)	ADF (A4): Approx. 6.4 sec or less; Platen (A4): Approx. 6.3 sec or less
Maximum Number of Copies	Up to 999 copies
Reduce/Enlargement	25–400% in 1% increments
Copy Features	Frame Erase, Collate, 2 on 1, 4 on 1, ID card copy

Scan

Scan Resolution	Laser Resolution: Up to 600 × 600 dpi Smoothing Resolution: 1200 × 1200 dpi
Scan Type	Colour Contact Image Sensor
Maximum Scan Size	Platen Glass: Up to 215.9 × 355.6 mm Feeder: Up to 215.9 × 355.6 mm
Scan Speed	Single sided mono: 38 ipm (300 × 600 dpi) Single sided colour: 13 ipm (300 × 600 dpi) Double sided mono: 70 ipm (300 × 600 dpi) Double sided colour: 26 ipm (300 × 600 dpi)
Colour Depth	24-bit
Pull Scan	Yes, USB and Network
Push Scan (Scan to PC) with MF Scan Utility	Yes, USB and Network
Scan to USB (via USB Host 2.0)	Yes
Scan to Cloud	Through MF Scan Utility, TIFF/JPEG/PDF/PNG
Scan Driver Compatibility	TWAIN, WIA
Scan to E-Mail	TIFF/JPEG/PDF/Compact PDF/Searchable PDF/ Encrypted PDF3/PDF (Digital signature)

Send

Send Method	SMB, Email, FTP, iFAX Simple
Colour Mode	Full Colour, Grayscale, Monochrome
Scan Resolution	Stream Reading: 300 × 600 dpi No Stream Reading: 600 dpi x 600 dpi
File Format	JPEG, TIFF, PDF, Compact PDF, PDF (OCR)

Fax

Modem Speed	Up to 33.6 Kbps
Fax Resolution	Standard: 200 × 100 dpi Fine: 200 × 200 dpi Super fine: 200 × 400 dpi Ultra fine: 400 × 400 dpi
Compression Method	MH, MR, MMR, JBIG
Memory Capacity	Up to 512 pages
Favourite Dials (in Address Book)	19 dials
Speed Dials (Coded Dials)	Up to 281 dials
Group Dials/Destination	Max. 299 dials/Max. 299 destinations
Sequential Broadcast	Max. 310 destinations
Receive Mode	Fax Only, Manual, Answering, Fax/Tel Auto Switch
Memory Backup	Permanent fax memory backup. (Backup with flash memory)
Fax Features	Fax Forwarding, Dual Access, Remote Reception, PC Fax (TX only) DRPD, ECM, Auto Redial, Fax Activity Reports, Fax Activity Result Reports, Fax Activity Management Reports
Transmission Time	Approx. 2.6 sec

Paper Handling

Paper Input (Based on 80 gsm)	550-sheet cassette 100-sheet multi-purpose tray 50-sheet ADF
Maximum Paper Capacity	2,300 sheets
Paper Output	250 sheets
Paper Size	Cassette (standard and optional): A4, A5, A5 (Landscape), A6, B5, Legal, Letter, Executive, Statement, OFICIO, B-OFICIO, M-OFICIO, LTR, LGL, Foolscap; Custom sizes: Min. 105 × 148 mm; Max. 216.0 × 355.6 mm. Multi-purpose tray: A4, A5, A5 (Landscape), A6, B5, Legal, Letter, Executive, Statement, OFICIO, B-OFICIO, M-OFICIO, GLTR, GLGL, Foolscap, Post card, Index card, Envelope (COM10, Monarch, C5, DL); Custom sizes: Min. 76.2 × 127 mm; Max. 216.0 × 355.6 mm. ADF: A4, A5, A6, B5, Legal, Letter, Statement; Custom sizes: Min. 105 × 128 mm Max. 215.9 × 355.6 mm.
Paper Type	Plain paper, Recycled paper, Heavy Paper, Thin paper, Label, Post card, Envelope
Paper Weight	Cassette (standard and optional): 60 to 120 gsm Multi-purpose tray: 60 to 199 gsm ADF: 50 to 105 gsm

Connectivity and Software

Standard Interfaces	USB 2.0 Hi-Speed, 10BASE-T/100BASE-TX/1000Base-T, Wireless 802.11b/g/n, Wireless Direct Connection
Near Field Communication (NFC)	Yes (Passive)
Network Protocol	Print: LPD, RAW, Port9100, IPP, IPPS, WSD (IPv4, IPv6) Scan: Email, SMB, WSD-Scan (IPv4, IPv6), FTP-Scan, iFAX TCP/IP Application Services: Bonjour (mDNS), HTTP, HTTPS, POP before SMTP (IPv4, IPv6), DHCP, ARP+PING, Auto IP, WINS (IPv4), DHCPv6 (IPv6) Management: SNMPv1, SNMPv3 (IPv4, IPv6)
Network Security	Wired: IP/Mac address filtering, IEEE802.1X, SNMPv3, SSL (HTTPS, IPPS) Wireless: WEP (64/128 bit), WPA-PSK (TKIP/AES), WPA2-PSK (AES)
One-Push Wireless Configuration	Wi-Fi Protected Setup (WPS)
Other Features	Department ID, Secure Print, Application Library
Mobile Solution	Canon PRINT Business, Canon Print Service, Google Cloud Print™, Apple® AirPrint™, Mopria® Print Service
Address Book	LDAP
Compatible Operating Systems	Windows® 10/Windows® 8.1/Windows® 7/Server® 2019/ Server® 2016/Server® 2012 R2/Server® 2012/Server® 2008 R2/Server® 2008 Mac OS X version 10.9.5 and up/Mac OS 10.14; Linux
Software Included	MF Scan Utility, Remote User Interface (RUI), Department ID Management, Toner Status Tool, embedded RDS allows remote eMaintenance services such as meter capture, automatic consumables management and remote diagnostics. Universal Log-in Manager/uniFLOW online/uniFLOW online Express/ uniFLOW Compatibility, Application Library

General

Device Memory	1 GB
LCD Display	WVGA Colour LCD 5.0" Touch Screen Display
Dimensions (W × D × H)	494 mm × 464 mm × 452 mm
Weight	19.8 kg
Power Consumption	Maximum: Approx. 1420 W or less Standby: Approx. 13.6 W Sleep mode: Approx. 0.7 W Typical Electricity Consumption (TEC): 1.4 kWh/week (230 V)
Noise Level	Sound Pressure: Active: 54 dB; Standby: 24 dB Sound Power: Active: 72.9 dB; Standby: Inaudible
Operating Environment	Temperature: 10–30°C Humidity: 20–80% RH (No Condensation)
Power Requirement	AC 220–240 V(±10%), 50/60 Hz(±2 Hz)

Optional Accessories

Paper Feeder	Paper Feeder PF-C1 (550 sheets), MiCard Attachment Kit-B1, Barcode Printing Kit-E1

POWERED BY uniFLOW online express

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