

## Printing



### Print



<b>Printing Method</b>	Colour Laser Beam Printing
<b>Print Speed</b>	
A4	21 / 21 ppm (Mono / Colour)
Letter	22 / 22 ppm (Mono / Colour)
2-Sided	12 / 12 ppm (Mono / Colour)
<b>Print Resolution</b>	600 x 600 dpi
<b>Print Quality with Image Refinement Technology</b>	1,200 × 1,200 dpi (eq.)
<b>Warm up Time (From Power On)</b>	13 sec or less
<b>First Print Out Time (FPOT)</b>	
A4	Approx. 10.4 / 10.5 sec (Mono / Colour)
Letter	Approx 10.3 / 10.3 sec (Mono / Colour)
<b>Recovery Time (From Sleep Mode)</b>	6.1 sec or less
<b>Print Language</b>	UFR II, PCL 6, Adobe® PostScript® 3™

<b>Auto Duplex Print</b>	Standard
<b>Available Paper Size for Auto Duplex Print</b>	A4, B5, Letter, Legal, Executive, Foolscap, Indian Legal
<b>Print Margins</b>	5mm - top, bottom, left and right (Envelope: 10mm)
<b>Print Features</b>	Poster, Booklet, Watermark, Page Composer, Toner Saver
<b>Supported File Format for USB Direct Print</b>	Supported File Format: JPEG, TIFF, PDF

## Copy



<b>Copy Speed A4</b>	
A4	21 / 21 ppm (Mono / Colour)
Letter	22 / 22 ppm (Mono / Colour)
<b>Copy Resolution</b>	600 x 600dpi
<b>First Copy Out Time (FCOT)</b>	
A4	Approx. 11.4 / 13.4 sec (Mono / Colour)
Letter	Approx. 11.2 / 13.1 sec (Mono / Colour)
<b>Maximum Number of Copies</b>	Up to 999 copies
<b>Reduce/Enlargement</b>	25 - 400% in 1% increments
<b>Copy Features</b>	Frame Erase, Collate, 2 on 1, 4 on 1, ID Card Copy, Passport Copy

## Scan



<b>Scan Resolution</b>	
Optical	Platen glass: up to 600 x 600dpi Feeder: up to 300 x 300dpi
Driver Enhanced	Up to 9,600 x 9,600 dpi
<b>Scan Type</b>	Colour Contact Image Sensor
<b>Maximum Scan Size</b>	
Platen Glass	Up to 216.0 x 297mm
Feeder	Up to 216.0 x 355.6mm
<b>Scan Speed*<sup>1</sup></b>	1-Sided: 26.1 ipm (mono), 13.3 ipm (colour) 2-Sided: 51.2 ipm (mono), 26.1 ipm (colour)
<b>Colour Depth</b>	24-bit

<b>Pull Scan</b>	Yes, USB and Network
<b>Push Scan (Scan To PC) with MF Scan Utility</b>	Yes, USB and Network
<b>Scan To USB (via USB Host 2.0)</b>	Yes
<b>Scan To Cloud</b>	MF Scan Utility
<b>Scan Driver Compatibility</b>	TWAIN, WIA

## Send ▼

<b>SEND Method</b>	SMB, Email, FTP, iFAX Simple
<b>Colour Mode</b>	Full Color, Grayscale, Monochrome
<b>Scan Resolution</b>	300 x 600pi
<b>File Format</b>	JPEG, TIFF, PDF, Compact PDF, PDF (OCR)

## Fax ▼

<b>Modem Speed</b>	Up to 33.6 Kbps
<b>Fax Resolution</b>	Up to 408 x 392 dpi
<b>Compression Method</b>	MH, MR, MMR, JBIG
<b>Memory Capacity<sup>*2</sup></b>	Up to 512 pages
<b>Favourite Dials (in address book)</b>	19 dials
<b>Speed Dial (Coded dials)</b>	Up to 281 dials
<b>Group dials / Destinations</b>	Max. 299 dials / Max. 299 destinations
<b>Duplex Fax (Transmission)</b>	Yes
<b>Sequential Broadcast</b>	Max. 310 destinations
<b>Receive Mode</b>	Fax Only, Manual, Answering, Fax/Tel Auto Switch
<b>Memory Backup</b>	Permanent fax memory backup (Backup with flash memory)
<b>Fax Features</b>	Fax Forwarding, Dual Access, Remote Reception, PC Fax (Transmission only), DRPD, ECM, Auto Redial, Fax Activity Reports, Fax Activity Result Reports, Fax Activity Management Reports
<b>Transmission Time</b>	Approx. 2.6 sec

## Paper Handling ▼

<b>Auto Document Feeder (ADF)</b>	DADF: 50 sheets (80g/m <sup>2</sup> )
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<b>Available Paper Size for DADF</b>	A4, B5, A5, Letter, Legal, Statement (Min. 128 x 139.7mm to Max. 216.0 x 355.6mm)
<b>Paper Input (based on 80g/m<sup>2</sup>)</b>	
Standard Cassette	250 sheets
Multi-Purpose Tray	1 sheet
Optional Paper Feeder	N/A
<b>Maximum Paper Input Capacity</b>	251 sheets
<b>Paper Output</b>	100 sheets
<b>Paper Sizes</b>	
Cassette	A4, B5, A5, Letter, Legal, Statement, Executive, Government Letter, Government Legal, Foolscap, Indian Legal Custom (Min. 76.2 x 127.0mm to Max. 216.0 x 355.6mm)
Multi-Purpose Tray	A4, B5, A5, Letter, Legal, Statement, Executive, Government Letter, Government Legal, Foolscap, Indian Legal, Index Card Envelope: COM10, Monarch, C5, DL Custom (Min. 76.2 x 127.0mm to Max. 216.0 x 355.6mm)
Optional Paper Feeder	N/A
<b>Paper Types</b>	Plain, Thick, Coated, Recycled, Colour, Label, Postcard, Envelope
<b>Paper Weight</b>	
ADF	50 to 105g/m <sup>2</sup>
Cassette / Optional Paper Feeder	60 to 200g/m <sup>2</sup>
Multi-Purpose Tray	60 to 200g/m <sup>2</sup>

## Connectivity & Software

### Standard Interfaces

Wired	USB 2.0 High Speed, 10Base-T/100Base-TX/1000Base-T
Wireless	Wi-Fi 802.11b/g/n (Infrastructure mode, WPS easy Setup, Direct Connection)
<b>Near Field Communication (NFC)</b>	N/A

### Network Protocol

Print	LPD, RAW, WSD-Print (IPv4,IPv6)
Scan	Email, SMB, WSD-Scan(IPv4, IPv6), FTP
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)
<b>Network Security</b>	
Wired	IP/Mac address filtering, HTTPS, SNMPv3, IEEE802.1x, IPSEC
Wireless	WEP 64/128 bit, WPA-PSK (TKIP/AES), WPA2-PSK (AES)
<b>One-Push Wireless Configuration</b>	Wi-Fi Protected Setup (WPS)
<b>Other Features</b>	Department ID, Secure Print, Application Library
<b>Mobile Solution</b>	Canon PRINT Business, Canon Print Service, Google Cloud Print™, Apple® AirPrint®, Mopria® Print Service
<b>Address Book</b>	LDAP
<b>Compatible Operating Systems</b> <sup>*3</sup>	Windows® 10, Windows® 8.1, Windows® 7, Windows Server® 2016, Windows Server® 2012 R2, Windows Server® 2012, Windows Server® 2008 R2, Windows Server® 2008 Mac® OS X 10.9.5 & up <sup>*4</sup> , Linux <sup>*4</sup>
<b>Software Included</b>	Printer driver, Fax driver, Scanner driver, MF Scan Utility, Toner Status

## General



<b>Device Memory</b>	1 GB
<b>LCD Display</b>	WVGA Colour LCD 5.0" Touch Screen Display
<b>Dimensions (W x D x H)</b>	451 x 460 x 413mm
<b>Weight</b>	20.5 kg
<b>Power Consumption</b>	
Maximum	850W or less
Average (During Copy)	Approx. 370W
Average (During Standby)	Approx. 11W
Average (During Sleep)	Approx. 0.8W (USB/ LAN / Wi-Fi)

## Noise Levels<sup>\*5</sup>

During Operation	Sound Pressure Level: 51dB Sound Power Level: 69.4dB
During Standby	Sound Pressure Level: Inaudible Sound Power Level: 43dB

## Operating Environment

Temperature	10 - 30°C
Humidity	20% - 80% RH (no condensation)
Power Requirements	AC 220-240 V (±10%), 50/60 Hz (±2Hz)

## Toner Cartridge<sup>\*6</sup>

Standard	Cartridge 054 BK: 1,500 pages (bundled: 1,500 pages) Cartridge 054 C/M/Y: 1,200 pages (bundled: 680 pages)
High	Cartridge 054H BK: 3,100 pages Cartridge 054H C/M/Y: 2,300 pages
Monthly Duty Cycle <sup>*7</sup>	30,000 pages

## Optional Accessories



Paper Feeder	N/A
Barcode Printing	Barcode Printing Kit-E1
Attachment kit for NT-Ware Mi-Card	Mi-Card Attachment Kit-B1

1. Speed of scanning via the document feeder, A4 size, scan resolution 300 x 300 dpi.
2. Based on ITU-T #1 Chart ( standard mode).
3. ScanGear is not available for Windows Server 2003/2008/2012.
4. The latest drivers for Mac OS and Linux can be downloaded from the <https://asia.canon> website when available. Only the print function is supported for Linux.
5. Tested in accordance to ISO 7779 and declared per ISO 9296.
6. Toner cartridge yield is in accordance with ISO/IEC 19798.
7. Monthly Duty Cycle value provides a means of comparison for product robustness in relation to other Canon multi-function laser devices, and does not refer to actual maximum image output per month.

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- All prices above are recommended retail price in THB, unless otherwise stated.
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