Specifications for PIXMA MX477

Printer			
Maximum Printing Resolution	4800 (horizontal)*[1] x 1200 (vertical) dpi		
Print Head / Ink	Type:		FINE Cartridge
	Number of Nozzles:		Total 1,792 nozzles
	Ink Droplet Size (minimum)		2pl
	Ink Tank:		PG-740, CL-741 (PG-740XL, CL-741XL optional)
Print Speed*[2] Based on ISO / IEC 24734. Click here for summary report Click here for Document Print and Copy Speed Measurement Conditions	Document: Col	ESAT / Simplex	approx. 5.5ipm
	Document: B / W	ESAT / Simplex	approx. 9.7ipm
	Photo (4 x 6")	PP-201 / Borderless	approx. 46secs.
Printable Width	Up to 203.2mm (8inch), Borderless: Up to 216mm (8.5inch)		
Printable Area	Borderless Printing*[3]		Top / Bottom / Right / Left margin: each 0mm (Supported Paper Size: A4, LTR, 4 x 6" ,5 x 7", 8 x 10")
	Bordered Printing		Top margin: 3mm, Bottom margin: 5mm, Left / Right margin: each 3.4mm (LTR, LGL: Left:

		6.4mm, Right: 6.3mm)
Recommended Printing Area	Top margin: 32.5mm / Bottom margin: 33.5mm	
Paper Size	A4, A5, B5, LTR, LGL, 4 x 6", 5 x 7", 8 x 10", Envelopes (DL, COM10)	
Paper Handling (Front Tray) (Maximum Number)	Plain Paper	A4, A5, B5, LTR=100, LGL=10
	High Resolution Paper (HR-101N)	A4=80
	Photo Paper Pro Platinum (PT-101)	4 x 6"=20, A4=10
	Photo Paper Plus Glossy II (PP-201)	4 x 6"=20, A4=10
	Photo Paper Pro Luster (LU-101)	A4=10
	Photo Paper Plus Semi-Gloss (SG-201)	4 x 6"=20, A4, 8 x 10"=10
	Glossy Photo Paper "Everyday Use" (GP-601)	4 x 6"=20, A4=10
	Matte Photo Paper (MP-101)	4 x 6"=20, A4=10
	Envelope	European DL / US Com. #10=5
Paper Weight	Front Tray	Plain Paper: 64-105 g/m^2, Canon specialty paper: max paper weight: approx. $300g/m^2$ (Photo Paper Pro Platinum PT-101)
Ink End Sensor	Dot count	
Print Head Alignment	Manual	
Scan[4]		
Scanner Type	Flatbed & ADF	
Scanning Method	CIS (Contact Image Sensor)	
Optical Resolution[5]	1200 x 2400 dpi	
Selectable Resolution[6]	25 - 19200dpi	
Scanning Bit Depth (Input / Output)	Grayscale:	16bits / 8bits
	Colour:	48bits / 24bits (RGB each 16bits / 8bits)
Line Scanning Speed[7]	Grayscale:	1.2ms/line (300dpi)

	Colour:	3.5ms/line (300dpi)
Scanning Speed*[8]	Reflective: A4 Colour / 300dpi	Approx. 15secs.
Maximum Document Size	Flatbed:	A4, LTR (216 x 297mm)
	ADF:	A4, LTR, LGL

Copy	
Maximum Document Size	A4, LTR (216 x 297mm) (ADF: A4, LTR, LGL)

Compatible Media	Size:	A4, A5, B5, LTR, LGL, 4 x 6", 5 x 7"
	Type: Semi-Gloss	Plain Paper Photo Paper Pro Platinum (PT-101) Photo Paper Plus Glossy II (PP-201) Photo Paper Pro Luster (LU-101) Photo Paper Plus Semi-Gloss (SG-201) Glossy Photo Paper "Everyday Use" (GP-601) Matte Photo Paper (MP-101)

Image Quality	3 positions (Fast, Standard, High)	
Density Adjustment	9 positions, Auto intensity (AE copy)* *Not supported for ADF	
Copy Speed*[9] Based on ISO / IEC 24734. Click here for summary report Click here for Document Print and Copy Speed Measurement Conditions	Document: Colour: sFCOT / Simplex:	approx. 24secs.
	Document: Colour: sESAT / Simplex:	Approx. 4.7ipm
	Document (ADF): Colour ESAT / Simplex	Approx. 4.3ipm
Multiple Copy	Black / Colour	max. 99 pages

Fax	
Type	Desktop Transceiver (Super G3 / Colour Communication)
Applicable Line	PSTN (Public Switched Telephone Network)

Transmission Speed*[10]	Black	approx. 3secs. (33.6kbps)
	Colour	approx. 1min. (33.6kbps)
Fax Resolution	Black	8pels/mm x 3.85lines/mm (Standard) 8pels/mm x 7.7lines/mm (Fine) 300dpi x 300dpi (Extra Fine)
	Colour	200 x 200dpi
Print Size	A4, LTR, LGL	
Scanning Width	208mm (A4), 214mm (LTR)	
Modem Speed	maximum 33.6kbps (Automatic fall back)	
Compression	Black	MH, MR, MMR
	Colour	JPEG
Gradation	Black	256 levels
	Colour	24bit Full colour (RGB each 8bit)
ECM (Error Correction Mode)	ITU-T T.30 compatible	
	Group Dialing	max. 19 locations
Transmission / Reception Memory*[11]	approx. 50 pages	

PC Fax

Type	Windows: via FAX modem(in MFP), Mac: NA	
Destination Number	1 location	
Black / Color	B / W transmission only	

Network

Protocol	TCP/IP	
Wireless LAN	Network Type	IEEE802.11n / IEEE802.11g / IEEE802.11b
	Frequency Band	2.4GHz
	Channel*[12]	1-13
	Range	indoor 50m (depends on the transmission speed and conditions)

	Security	WEP64 / 128bit, WPA-PSK (TKIP/AES), WPA2-PSK (TKIP/AES)
System Requirements		
Windows:	(Please visit www.canon-asia.com to check OS compatibility and to download the latest driver updates.)	Windows 8 / Windows 7 / Windows XP / Windows Vista
Macintosh:		Mac OS X v10.6.8 and later
General Specifications		
Operation Panel	Display	Full Dot LCD
ADF	Paper Handling (Plain Paper)	A4, LTR=30, LGL=5
Interface	Wireless LAN IEEE , USB 2.0 Hi-Speed	
Apple AirPrint	Available	
Google Cloud Print	Available	
PIXMA Printing Solutions	Available	
Access point mode	Available	
Operating Environment	Temperature: 15 -30°C; Humidity: 10 - 80% RH (no dew condensation)	
Storage Environment	Temperature: 0 - 40°C; Humidity: 5 - 95% RH (no dew condensation)	
Acoustic Noise (PC Print)	Photo (4 x 6") *[13]	approx. 43.0dB(A)
Power	AC100 - 240V, 50 / 60Hz	
Power Consumption	Standby (scanning lamp is off) (Wireless LAN connection to PC)	Approx. 1W
	OFF:	Approx. 0.3W
	Copying*[15] (Wireless LAN connection to PC)	Approx. 18W
Environment	Regulation:	RoHS (EU, China), WEEE (EU)
	Eco-Label:	Energy Star, EPEAT
Duty Cycle	up to 3,000 pages / month	
Dimension (W x D x H)	approx. 458 x 385 x 200mm	
Weight	approx. 8.4kg	

Specifications are subject to change without notice. :

*[1] Ink droplets can be placed with a pitch of 1 / 4800 inch at minimum.

*[2] Document print speeds are the averages of ESAT in Office Category Test for the default simplex mode, ISO / IEC 24734.
Photo print speed is based on the default setting using ISO / JIS-SCID N2 on Photo Paper Plus Glossy II and does not take into account data processing time on host computer.
Print speed may vary depending on system configuration, interface, software, document complexity, print mode, page coverage, type of paper used etc.

*[3] Paper types NOT supported for borderless printing are as follows: Envelope, High Resolution Paper, T-Shirt Transfer, Photo Stickers.

*[4] TWAIN driver （ScanGear） is based on the TWAIN specification V1.9 and requires the Data Source Manager comes with the operating system.

*[5] Optical resolution is a measure of maximum hardware sampling resolution, based on ISO 14473 standard.

*[6] Increasing the scanning resolution will limit the maximum possible scanning area.

*[7] The fastest speed in Hi-Speed USB on Windows PC. Transfer time to computer is not included.

*[8] Color document scan speed is measured with ISO / IEC 29183 Target A.
Scan speed indicates the time measured between pressing the scan button of the scanner driver and the on-screen status display turns off.
Scan speed may vary depending on system configuration, interface, software, scan mode settings and document size etc.

*[9] Copy speeds are the average of sFCOT and sESAT, ISO / IEC 29183.
ADF copy speed is the average of ESAT in General Performance Test for the default simplex mode, ISO / IEC 24735, excluding time to copy the first set.
Copy speed may vary depending on document complexity, copy mode, page coverage, type of paper used etc. and does not take into account warm-up time.

*[10] Black & white document fax transmission speed is based on default setting using ITU-T No.1 chart.
Color document fax transmission speed is based on default setting using Canon Color Fax Test Sheet.
Actual transmission speed may vary depending on document complexity, fax settings at receiving end, and line conditions etc.

*[11] Page count is based on ITU-T No.1 chart or Canon FAX Standard Chart No.1.

*[12] 1-11 in US, CND, LTN, BRA and TW.

*[13] When printing ISO / JIS-SCID N2 pattern on 4 x 6" Photo Paper Plus Glossy II using default settings.

*[14] Acoustic Noise is measured based on ISO7779 standard.

*[15] Copy: When copying ISO / JIS-SCID N2 (printed by inkjet printer) on A4 size plain paper using default settings.

Disclaimer :

- You need to install ink tanks or ink cartridges of all colours whether you perform black and white printing or colour printing. If any one of the ink tanks or ink cartridges is not installed, an error occurs and you cannot perform printing.
- Depending on the paper or the print settings, colour ink may be consumed even when you print a document in black or perform printing in black and white. When any one of the colours of ink has run out, you need to replace the ink tank or ink cartridge.
- When you use the Canon printer for the first time after you install the bundled ink tanks, the printer consumes a small amount of ink in the amount to enable printing by filling the nozzles of the Print Head with ink. For this reason, the number of sheets that can be printed with the first ink tanks is fewer than the succeeding ink tanks.
- The printing costs described in the brochures or websites are based on the consumption data from not the first ink tank / ink cartridge but the succeeding ink tank / ink cartridge.
- To keep printer's performance, Canon printer performs cleaning automatically according to its condition. When the printer performs cleaning, a small amount of ink is consumed. In this case, all colours of ink may be consumed.
  [Cleaning function]
  The cleaning function helps the printer to suck air bubbles or ink itself from the nozzle and thus prevents print quality degradation or nozzle clogging.
- The repairing parts for printers will be available five years after production is discontinued. Depending on your model, we may ask you to replace it with a new one, or one with almost the same performance as a maintenance service. In this case, it may be that you cannot use supplies or accessories for your model or the compatible OS will be changed.
- The warranty term for free repair varies from country to country and starts from the date of purchase. Free repair does not apply to supplies (paper or ink tanks / cartridges / print head) even within the warranty term.
- To obtain good printing quality, use up ink within six months after opening.
- Regarding a solution to a problem caused by using non-genuine ink cartridges (including ones supplemented with non-genuine ink by making a hole in the cartridge or so), a fee will be charged even within the warranty term. Keep this in your mind when you use non-genuine ink.
- If you use non-genuine ink cartridges (including ones supplemented with non-genuine ink by making a hole in the cartridge or so), they may have a negative effect on the performance of the printer or the printing quality may be reduced. In addition, though it is a rare case and does not present a safety hazard, it is reported that a print head will become heated or smoke will be emitted from it due to an ingredient not contained in genuine Canon ink. (Note that this does not apply to all non-genuine ink.)
- CREATIVE PARK PREMIUM is a premium content service available exclusively to users only when all of the colours of genuine Canon inks are installed.
- A printer with a fax function stores the following fax data in printer's memory:
  - Faxes not printed out due to conditions such as ink running out.
  - Faxes in the send queue.
  If you disconnect the power cord, the date and time settings are reset and faxes stored in the printer's memory will be deleted. Before you disconnect the power cord, confirm that faxes you need to keep have already been printed or sent.

- If you will be installing the Canon printer driver on Mac OS X and using the printer through a network connection, you can select [Bonjour] or [canonijnetwork] in the [Add Printer] dialog. If [Bonjour] is selected, remaining ink level messages may differ from those indicated by [canonijnetwork]. [canonijnetwork] is not displayed if the Canon printer driver is not installed. Access our web site through the Internet and download the latest printer driver for your model. Canon recommends you to use [canonijnetwork] for printing.

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