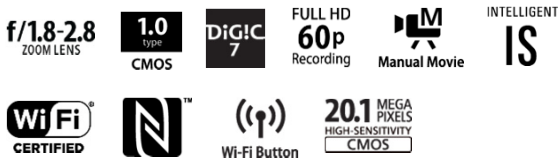


PowerShot G7X Mark II

DSLR-like creativity in a connected large sensor compact

With a 1.0 type sensor, bright f/1.8-2.8 Canon lens and superior DIGIC 7 processing this pocket-sized, large sensor compact offers DSLR-like creativity in both stills and Full HD movies.



- A powerful pocket-sized camera with a bright lens, large sensor and DIGIC 7 to capture expert quality photos and movies with ease
- Shoot and share stunning Full HD 60p movies with creative control, Touch AF for cinematic focus pulls and 5-axis Dynamic IS
- Easily connect to your smart device, shoot remotely, then share or back up your creations using Wi-Fi* with NFC and Image Sync
- Enjoy simple creative control with a Lens Control Ring, intuitive touchscreen operation, 14-bit RAW and Picture Styles
- Expand your creativity with a 9 blade aperture, superfast AF, 8 fps burst even in RAW and in-camera Time-Lapse movie

Product Range



PowerShot G5 X



PowerShot G7 X Mark II



PowerShot G9 X

PowerShot G1 X Mark II
PowerShot G3 X
PowerShot G5 X
PowerShot G7 X Mark II
PowerShot G9 X

* Wi-Fi connectivity and features vary by model and region.

Technical Specifications

IMAGE SENSOR

Type	1.0 type back-illuminated CMOS
Effective Pixels	Approx. 20.1 M (Aspect ratio 3:2) ^[14]
Effective / Total Pixels	Approx. 20.9 M
Colour Filter Type	Primary Colour

IMAGE PROCESSOR

Type	DIGIC 7
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LENS

Focal Length	8.8 – 36.8 mm (35 mm equivalent: 24 – 100 mm)
Zoom	Optical 4.2x ZoomPlus 8.4x Digital Approx. 4x (with Digital Tele-Converter approx. 1.6x or 2.0x ^[1]) Combined approx. 17x f/1.8-f/2.8
Maximum f/number	
Construction	11 elements in 9 groups (1 double sided aspherical lens, 1 single sided aspherical UA lens, 1 single sided aspherical lens and 1 UD lens)

Image Stabilisation

	Yes (lens shift-type), approx. 4-stop ^[13] . Intelligent IS with 5-axis Advanced Dynamic IS & Auto Level
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FOCUSING

Type	TTL
AF System/ Points	AI/AF (31-point, Face Detection or Touch AF with Object and Face Select and Track), 1-point AF (any position is available or fixed centre)
AF Modes	Single, Continuous, Servo AF/AE ^[6] , Touch AF
AF Point Selection	Size (Normal, Small)
AF Lock	Yes, via customisable buttons
AF Assist Beam	Yes
Manual Focus	Yes, plus MF Peaking
Focus Bracketing	Yes
Closest Focusing Distance	5 cm (Wide) from front of lens 40 cm (Tele) from front of lens

EXPOSURE CONTROL

Metering modes	Evaluative (linked to Face Detection AF frame), Centre-weighted average, Spot
AE Lock	Yes
Exposure Compensation	+/- 3 EV in 1/3 stop increments Auto Lighting Optimizer
AEB	ND Filter (3-stop) On / Auto / Off ^[14]
ISO Sensitivity	1/3 – 2 EV in 1/3 stop increments 125, 160, 200, 250, 320, 400, 500, 640, 800, 1000, 1250, 1600, 2000, 2500, 3200, 4000, 5000, 6400, 8000, 10000, 12800 ^[15]

	AUTO ISO: 125 – 12800 (possible to set Max. ISO speed and rate of change)
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SHUTTER

Speed	1 – 1/2000 s (factory default) 1/8 – 1/2000 s (Movie Mode) BULB, 30 – 1/2000 s (total range – varies by shooting mode) ^[19]
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WHITE BALANCE

Type	TTL
Settings	Auto (including Face Detection WB), Daylight, Shade, Cloudy, Tungsten light, White fluorescent light, Flash, Underwater, Custom, Color temp (Kelvin)
	White Balance Compensation White Balance Compensation in Underwater mode Colour adjustment in Star mode

COLOUR MATRIX

Type	sRGB
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LCD MONITOR

Monitor	Vari-angle 7.5 cm (3.0") Touchscreen LCD (TFT), 3:2 aspect ratio, Approx. 1,040,000 dots, Capacitive type, sRGB colour reproduction
Coverage	Approx. 100 %
Brightness	Adjustable to one of five levels. Night Display Mode available

FLASH

Modes	Auto, Manual Flash On / Off, Slow Synchro
Slow Sync Speed	Yes, Fastest speed 1/2000 sec.
Red-Eye Reduction	Yes
Flash Exposure Compensation	+/- 2 EV in 1/3 stop increments, Face Detection FE, Safety FE
Flash Exposure Lock	Yes
Manual Power Adjustment	3 levels with internal flash
Second Curtain Synchronisation	Yes
Built-in Flash Range	50 cm – 7.0 m (W) / 40 cm – 4.0 m (T)
External Flash	Canon High Power Flash HF-DC2

SHOOTING

Modes	Smart Auto (58 scenes detected), Program AE, Shutter priority AE, Aperture priority AE, Manual, Custom, Hybrid Auto, Creative Shot, SCN (Portrait, Self-Portrait, Panning, Star (Star Portrait, Star Nightscape, Star Trails, Star Time-Lapse Movie), Handheld Night Scene, High Dynamic Range, Fish-eye Effect, Oil Painting Effect, Water-Painting Effect, Miniature Effect, Toy Camera Effect, Background Defocus, Soft Focus, Grainy B/W, Underwater, Fireworks), Standard Movie, Short Clip, Manual Movie, Time-Lapse Movie, iFrame Movie
Photo Effects	Picture Styles (Auto, Standard, Portrait, Landscape, Fine Detail, Neutral, Faithful, Monochrome, User Defined x3 (Sharpness (Strength, Fineness, Threshold), Contrast, Color Saturation, Color Tone, Filtering Effect, Toning))
Drive modes	Single, Auto Drive, Continuous, Continuous with AF, Self-Timer
Continuous Shooting	Approx. 8.0 shots/s for up to 19 frames in RAW and 30 frames in JPEG with AF: Approx. 5.4 shots/s for up to 46 frames in JPEG ^[9] ^[20]

RECORDING PIXELS / COMPRESSION

Image Size	3:2 - (RAW, L) 5472 x 3648, (M) 3648 x 2432, (S1) 2736 x 1824, (S2) 2400 x 1600 4:3 - (RAW, L) 4864 x 3648, (M) 3248 x 2432, (S1) 2432 x 1824, (S2) 2112 x 1600 16:9 - (RAW, L) 5472 x 3072, (M) 3648 x 2048, (S1) 2736 x 1536, (S2) 2400 x 1344 1:1 - (RAW, L) 3648 x 3648, (M) 2432 x 2432, (S1) 1824 x 1824, (S2) 1600 x 1600
Compression	In-camera RAW processing & resize available
Movies	RAW, Fine, Normal (Full HD) 1920 x 1080, 59.94 / 50 / 29.97 / 25 / 23.98 fps (HD) 1280 x 720, 29.97 / 25 fps (L) 640 x 480, 29.97 / 25 fps
Movie Length	(Full HD & HD) Up to 4 GB or 29 min 59 s ^[7] (L) Up to 4 GB or 1 hour ^[4]

FILE TYPE

Still Image Type	JPEG compression (Exif 2.3 [Exif Print] compliant) / Design rule for Camera File system and DPOF ver. 1.1 compliant), RAW (14-bit, Canon original RAW 2nd edition), RAW+JPEG
Movies	MP4 [Video: MPEG-4 AVC / H.264, Audio: MPEG-4 AAC-LC (stereo)] iFrame

DIRECT PRINT

Canon Printers	Canon SELPHY Compact Photo Printers and Canon Inkjet Printers supporting PictBridge
PictBridge	Yes (via USB or Wireless LAN)

OTHER FEATURES

GPS	GPS via Mobile (linked to a compatible smartphone)
Red-Eye Correction	Yes, during shooting and playback
My Camera / My Menu	My Menu customisation available
Intelligent Orientation Sensor	Yes
Histogram	Yes
Playback zoom	Yes
Self-Timer	Approx. 2 or 10 sec. or Custom
Menu Languages	English, German, French, Dutch, Danish, Finnish, Italian, Greek, Norwegian, Portuguese, Russian, Swedish, Spanish, Ukrainian, Polish, Czech, Hungarian, Turkish, Simplified Chinese, Chinese (traditional), Japanese, Korean, Thai, Arabic, Romanian, Farsi, Hindi, Malay, Indonesian, Vietnamese, Hebrew

Technical Specifications

INTERFACE

Computer

Hi-Speed USB dedicated connector (Micro-B compatible)

HDMI Micro (Type-D) Connector

Other
Computer/Other
Wi-Fi (IEEE802.11b/g/n), (2.4 GHz only), with Dynamic NFC support^[11]

MEMORY CARD

Type

SD, SDHC, SDXC (UHS Speed Class 1 compatible)

SUPPORTED OPERATING SYSTEM

PC & Macintosh

Windows 10 / 8.1 / 8 / 7 SP1^[18]
Mac OS X 10.9 / 10.10 / 10.11

For Wi-Fi connection to a PC:
Windows 10 / 8.1 / 8 / 7 SP1
Mac OS X 10.9 / 10.10

For Image Transfer Utility:
Windows 10 / 8.1 / 8 / 7 SP1
Mac OS X 10.9 / 10.10 / 10.11

SOFTWARE

Other

CameraWindow DC
Map Utility
Image Transfer Utility

Camera Connect app available on iOS and Android devices

Image Manipulation

Digital Photo Professional for RAW development

POWER SOURCE

Batteries

Rechargeable Li-ion Battery NB-13L (battery and charger supplied)

Battery life

Approx. 265 shots
Eco mode approx. 355 shots
Approx. 300 min playback

A/C Power Supply

Charging via USB available with Compact Power Adapter CA-DC30E^[17] or other typical USB charging methods

ACCESSORIES

Cases / Straps

Soft Case DCC-1880
PowerShot Accessory Organizer

Waterproof / Weatherproof Case

Waterproof Case (40m) WP-DC55

Flash

Canon High Power Flash HF-DC2

Power Supply & Battery Chargers

Compact Power Adapter CA-DC30E

Battery Charger CB-2LHE

Rechargeable Li-ion Battery NB-13L

Interface cable IFC-600PCU

Other

PHYSICAL SPECIFICATIONS

Operating Environment

0 – 40 °C, 10 – 90% humidity

Dimensions (W x H x D)

105.5 x 60.9 x 42.2 mm

Weight

Approx. 319 g (including battery and memory card)

Footnotes

^[1] Depending on the image size selected.

^[3] Under conditions where the flash does not fire.

^[4] Depending on memory card speed / capacity / compression setting.

^[6] Some settings limit availability.

^[7] The following Speed Class memory cards are required for maximum record time: (HD) 1280 x 720 Speed Class 4 or above, (Full HD) 1920 x 1080 Speed Class 6 or above, (iFrame) 1280 x 720 Speed Class 6 or above.

^[11] Wi-Fi use may be restricted in certain countries or regions. Wi-Fi support varies by device and region. For more information visit www.canon-europe.com/wirelesscompacts

^[13] Values at maximum optical focal length. Cameras whose focal length exceeds 350 mm (35 mm equivalent) are measured at 350 mm.

^[14] Image processing may cause a decrease in the number of pixels.

^[15] ISO sensitivity denotes Recommended Exposure Index

^[16] Auto ND Filter not available in Movie Mode.

^[17] Charging via USB requires Interface Cable IFC-600PCU (Sold separately) or similar cable with USB Micro-B to USB type-A connectors. Charging time varies depending on the remaining battery power.

^[18] Software applications compatible with Windows 10 in Windows 10 Desktop Mode only

^[19] Maximum shutter speed is limited at 256 s in BULB Mode

^[20] Sustained continuous shooting speed is tested based on Canon's testing standard. Function requires compatible SDHC/SDXC UHS Speed Class 1 memory card, total number of frames captured varies depending on shooting subject, settings and brand of memory card

All data is based on Canon standard testing methods (according to CIPA Standards) except where indicated.

Subject to change without notice.

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Sales Start Date: May 2016



Product Details:

Product Name	Mercury Code	EAN Code	Recommended Retail Price
Digital Camera PowerShot G7 X Mark II BK GB	1066C011AA	8714574634647	

Optional Accessories:

Product Name	Mercury Code	EAN Code	Recommended Retail Price
Power Supply			
Battery Pack NB-13L	9839B001AA	4549292020502	
Battery Charger CB-2LHE GB	9841B002AA	8714574624808	
Compact Power Adapter CA-DC30E GB	0993C002AA	8714574633268	
Cables			
Interface Cable IFC-600PCU	1015C001AA	4549292054378	
Flash			
High Power Flash HF-DC2	5189B001BA	4960999782232	
Cases			
Waterproof Case WP-DC55	1361C001AA	4549292063097	
PU Leather Case DCC-1880	TBC	TBC	

Measurement / Logistic Information:

Product Name	Mercury Code	Pack type	Pack description	Quantity per pack	Length (mm)	Width (mm)	Height (mm)	Gross Weight (kg)
Digital Camera PowerShot G7 X Mark II BK GB	1066C011AA	EA	Each	1	159	146	81	0.653
		CT	Carton	10	418	313	205	7.25
		EP	Euro Pallet	250	1200	800	1175	192
			Layers per Pallet	5				
			Cartons per Layer	5				
			Products per layer	50				

What's in the box?

- Digital Camera PowerShot G7 X Mark II
- Wrist Strap WS-DC12
- Battery Pack NB-13L
- Battery Charger CB-2LHE
- AC Cable
- User Manual Kit