

Canon PowerShot G7 X Specifications

Body type	
Body type	Compact
Sensor	
Max resolution	5472 x 3648
Other resolutions	5472 x 3080, 4864 x 3648, 4320 x 2880, 4320 x 2432, 3840 x 2880, 2304 x 1536, 2048 x 1536, 1920 x 1080, 720 x 480, 720 x 408, 640 x 480
Image ratio w:h	4:3, 3:2, 16:9
Effective pixels	20 megapixels
Sensor photo detectors	21 megapixels
Sensor size	1" (13.2 x 8.8 mm)
Sensor type	BSI-CMOS
Processor	DIGIC 6
Color space	sRGB
Color filter array	Primary color filter
Image	
ISO	Auto, 125-12800
White balance presets	8
Custom white balance	Yes
Image stabilization	Optical
Uncompressed format	RAW
JPEG quality levels	Super fine, fine

File format	<ul style="list-style-type: none"> • JPEG (EXIF v2.3) • Raw (Canon CR2, 12-bit)
Image parameters	<ul style="list-style-type: none"> • Contrast • Sharpness • Saturation • Red/Green/Blue • Skin tone
Optics & Focus	
Focal length (equiv.)	24–100 mm
Optical zoom	4.2×
Maximum aperture	F1.8 - F2.8
Autofocus	<ul style="list-style-type: none"> • Contrast Detect (sensor) • Multi-area • Center • Selective single-point • Single • Continuous • Touch • Face Detection • Live View
Autofocus assist lamp	Yes
Digital zoom	Yes (4x)
Manual focus	Yes
Normal focus range	5 cm (1.97")

Macro focus range	5 cm (1.97")
Number of focus points	31
Screen / viewfinder	
Articulated LCD	Tilting
Screen size	3"
Screen dots	1,040,000
Touch screen	Yes
Screen type	TFT-LCD
Live view	Yes
Viewfinder type	None
Photography features	
Minimum shutter speed	40 sec
Maximum shutter speed	1/2000 sec
Exposure modes	<ul style="list-style-type: none"> • Auto • Hybrid Auto • Program • Shutter priority • Aperture priority • Manual • Custom • Movie • Creative Filters • Scene

	<ul style="list-style-type: none"> • Creative Shot
Scene modes	<ul style="list-style-type: none"> • Portrait • Smart Shutte • Star • Handheld Night Scene • Underwater • Snow • Fireworks
Built-in flash	Yes
Flash range	7.00 m
External flash	No
Flash modes	Auto, on, slow synchro, off
Continuous drive	6.5 fps
Self-timer	Yes (2 Or 10 secs, custom)
Metering modes	<ul style="list-style-type: none"> • Multi • Center-weighted • Spot
Exposure compensation	±3 (at 1/3 EV steps)
Videography features	
Resolutions	1920 x 1080 (60p, 30p), 1280 x 720 (30p), 640 x 480 (30p)
Format	MPEG-4, H.264
Videography notes	Also has star time-lapse. miniature effect, and digest modes
Microphone	Stereo
Speaker	Mono

Storage	
Storage types	SD/SDHC/SDXC (UHS-I compatible)
Connectivity	
USB	USB 2.0 (480 Mbit/sec)
HDMI	Yes (micro-HDMI)
Microphone port	No
Headphone port	No
Wireless	Built-In
Wireless notes	image sharing via Canon Image Gateway
Remote control	No
Physical	
Environmentally sealed	No
Battery	Battery Pack
Battery description	NB-13L lithium-ion battery and charger
Battery Life (CIPA)	210
Weight (inc. batteries)	304 g (0.67 lb / 10.72 oz)
Dimensions	103 x 60 x 40 mm (4.06 x 2.36 x 1.57")
Other features	
Orientation sensor	Yes
Timelapse recording	Yes (star time-lapse)
GPS	None

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