

Collapse all specs	
▼ Type	
Type	Compact Digital Camera
▼ Image Sensor	
Effective Pixels (Megapixels)	16.0 million
Image Sensor	CMOS
Sensor Size	1 / 2.3 in.
Total Pixels	16.76 million (approx.)
Image Size (pixels)	4608 x 3456 (16M)
▼ Lens	
Lens	12x optical Zoom-NIKKOR ED glass lens
Lens Focal Length	4.5-54.0mm (angle of view equivalent to that of 25-300mm lens in 35mm [135] format)
Lens f/-number	f/3.3-6.3
Lens Construction	9 elements in 7 groups
Lens Zoom	12 x
Digital Zoom	Up to 4x (angle of view equivalent to that of approx. 1,200mm lens in 35mm[135] format)
Vibration Reduction	Lens shift VR (still pictures) Lens-shift and Electronic VR (movies)
▼ Autofocus	
Autofocus (AF)	Contrast-detect AF
Autofocus (AF) Focus-area selection	Center Face priority Manual (focus area can be selected using the touch panel) Subject tracking Target Finding AF
Focus Range	[W]: Approx. 1 ft. 8 in. (50 cm.) to infinity [T]: Approx. 5 ft. (1.5 m.) to infinity Macro mode: Approx. 0.8 in. (2 cm.) to infinity (wide-angle position) (All distances measured from center of front surface of lens)
Focus Lock	Yes
▼ Monitor	
Monitor Size	3.0 in. diagonal
Monitor Type	TFT-LCD with Anti-reflection coating 5-level brightness adjustment
Monitor Resolution	460,000 -dots

Monitor Frame coverage (shooting mode)	98% horizontal (Approx.) 98% vertical (Approx.) (compared to actual picture)
Monitor Frame coverage (playback mode)	99% horizontal (Approx.) 99% vertical (Approx.) (compared to actual picture)
▼ File System	
Storage Media	SD memory card SDHC memory card
Internal Memory	Approx. 30 MB
Storage File System	DCF EXIF 2.3 compliant
Storage File formats	Still pictures: JPEG Sound files (Voice Memo): WAV Movies: MOV (Video: MPEG-4 AVC/H.264, Audio: LPCM stereo)
▼ Movie	
Movie	Full HD: 1920x1080/ 30p Full HD: 1920x1080/ 25p Full HD: 1920x1080/ 60i Full HD: 1920x1080/ 50i HD: 1280x720/ 30p HD: 1280x720/ 25p HS 1920x1080/ 15p HS 1280x720/ 50p HS 1280x720/ 60p HS 1920x1080/ 12.5p iFrame 720/ 30p iFrame 720/ 25p VGA 640x480/ 30p VGA 640x480/ 25p
▼ Sensitivity	
ISO Sensitivity	ISO 125 - 1600 ISO 3200, 6400 (available when using Auto mode)
Lowest ISO Sensitivity	125
▼ Exposure	
Exposure Metering	Matrix Center-weighted (digital zoom less than 2x) Spot (digital zoom 2X or more)
Exposure Control	Programmed auto exposure Exposure compensation (-2.0 to +2.0 EV in steps of 1/3 EV)
Exposure Modes	Auto Scene Scene Auto Selector Smart Portrait Special Effects
Scene Modes	Backlighting Beach Black and White Copy Close Up Dusk/Dawn Easy Panorama Fireworks Show Food Landscape Museum Night Landscape

	Night Landscape Night Portrait Party/Indoor Pet Portrait Portrait Scene Auto Selector Snow Sports Sunset
In-Camera Image Editing	Crop D-Lighting Glamour Retouch Paint Perspective Control Quick Retouch Red-eye Correction Selective Softening Small Picture Stretch
Exposure Compensation	± 2 EV in steps of 1/3
▼ White Balance	
White Balance	Auto Cloudy Daylight Flash Fluorescent... White Balance Preset
▼ Shutter	
Shutter	Mechanical and CMOS electronic shutter
Shutter Speed	1/2000-1 sec. 1/4000 sec. (maximum speed during high-speed continuous shooting) 4 sec. (when scene mode is set to Fireworks show)
Top Continuous Shooting Speed at full resolution	Up to 7 shots at approx. 9 frames per second
Continuous Shooting Options	Best Shot Selector Continuous H Continuous H 60 Continuous H 120 Continuous L Multi-shot 16 Pre-shooting cache Single
Self-timer	Can be selected from 10 or 2 seconds duration
▼ Flash	
Built-in flash Range (approx.) (ISO sensitivity: Auto)	[W]: 0.5 to 2.8m (1 ft. 8 in. to 9 ft. 2 in.) [T]: 1.5m (4 ft. 11 in.)
Built-in Flash Control	TTL auto flash with monitor preflashes
Built-in Flash	Yes
▼ Interface	
Interface	Hi-speed USB
Interface Data transfer protocol	MTP PTP
HDMI Output	HDMI micro connector (Type D)
USB Terminal	Digital (USB / USB-C)

I/O terminal	Digital I/O (USB)
Wi-Fi Functionality	Yes
▼ Supported Languages	
Supported Languages	Arabic Bengali Bulgarian Chinese (Simplified and Traditional) Czech Danish Dutch English Finnish French German Greek Hindi Hungarian Indonesian Italian Japanese Korean Marathi Norwegian Persian Polish Portugese (European and Brazilian) Romanian Russian Serbian Spanish Swedish Tamil Telugu Thai Turkish Ukranian Vietnamese
▼ Power	
Power Sources	One Rechargeable Li-ion Battery EN-EL19 (supplied)
Charging Time	2 hours (when using Charging AC Adapter EH-71P and when no charge remains) (Approx.)
Battery / Batteries	Rechargeable Li-ion Battery EN-EL19
Battery Life (shots per charge)	Still pictures*: Approx. 180 shots *Based on Camera and Imaging Products Association (CIPA) standards for measuring the life of camera batteries. Measured at 23(-/+2)°C (73(-/+4)°F); zoom adjusted with each shot, flash fired with every other shot, image quality set to Normal, image size set to 4608 x 3456 (16M). Battery life may vary depending on shooting interval and length of time menus and images are displayed. Movies: Approx. 40 minutes
▼ Miscellaneous	
Tripod Socket	¼ in. (ISO 1222)
Approx. Dimensions (Width x Height x Depth)	4.0 in. (99.4 mm) x 2.3 in. (58 mm) x 1.1 in. (27.9 mm) <i>excluding projections</i>
Approx. Weight	6.4 oz. (181 g) <i>with battery and SD memory card</i>
Operating environment	Temperature: 0 to 40°C (32 to 104°F)