Technical Specification

Type	Compact digital camera
Effective pixels	16.0 million (Image processing may reduce the number of effective pixels.)
Image sensor	6.2 x 4.6 mm (1/2.3-in. type) CMOS Total pixels: approx. 16.79 million
Lens	NIKKOR lens with 125 x optical zoom
Focal length	4.3 to 539 mm (angle of view equivalent to that of 24 to 3000 mm lens in 35mm [135] format)
f/-number	f/ 2.8 to 8

Construction	17 elements in 12 groups (5 ED lens elements and 1 super ED lens element)
Digital zoom magnification	Up to 4x (angle of view equivalent to that of approx. 12000 mm lens in 35mm [135] format) Up to 3.6x when recording movies with [2160/30p] (4K UHD) or [2160/25p] (4K UHD)
Vibration reduction	Lens shift (still images) Combination of lens shift and electronic VR (movies)
Autofocus system	Contrast-detect AF
Focus range	[W]: Approx. 30 cm (1 ft) to ∞ [T]: Approx. 7.0 m (23 ft) to ∞ Macro close-up: [W]: Approx. 1 cm (0.4 in.) to ∞ [T]: Approx. 7.0 m (23 ft) to ∞ (All distances measured from center of front surface of lens)

Focus-area selection	Target finding AF, face priority, manual (spot), manual (normal), manual (wide), subject tracking
Viewfinder	Electronic viewfinder, 1 cm (0.39-in.), approx. 2359k-dot OLED with the diopter adjustment function (-3 to +3 m-1)
Frame coverage (shooting mode)	Approx. 99% horizontal and vertical (compared to actual picture)
Frame coverage (playback mode)	Approx. 100% horizontal and vertical (compared to actual picture)
Monitor size	8.1 cm (3.2 -in.)

Monitor resolution	Approx. 921 k-dot, (RGB), wide viewing angle TFT LCD with anti-reflection coating and 5-level brightness adjustment, vari-angle TFT LCD
Frame coverage (playback mode)	SD, SDHC, SDXC
File system	DCF and Exif 2.31 compliant
File formats	Still images: JPEG, RAW (NRW) (Nikon's own format) Movies: MP4 (Video: H.264/MPEG-4 AVC, Audio: AAC stereo)
Still image	16 M [4608x3456], 8 M [3264x2448], 4 M [2272x1704], 2 M [1600x1200], 16:9 12 M [4608x2592], 3:2 14 M [4608x3072], 1:1 12 M [3456x3456]
Movie	2160/30p (4K UHD), 2160/25p (4K UHD), 1080/30p, 1080/25p, 1080/60p, 1080/50p, 720/30p, 720/25p,

	720/60p, 720/50p, HS 480/4x, HS 720/2x, HS 1080/0.5x
ISO sensitivity (Standard output sensitivity)	ISO 100 to 1600 The lowest ISO sensitivity in Movie manual mode is ISO 125. [3200] and [6400] are available when using P, S, A, M, U or Movie manual mode
Metering mode	Matrix, center-weighted, spot
Exposure control	Programmed auto exposure with flexible program,shutter-priority auto, aperture-priority auto, manual, exposure bracketing, exposure compensation (–2.0 to +2.0 EV in steps of 1/3 EV)
Shutter type	Mechanical and CMOS electronic shutter
Shutter speed	1/4000 (at wide-angle position, with largest f-number setting (smallest aperture)) to 1 s 1/4000 (at wide-angle position, with largest f-number setting (smallest aperture)) to 30 s (when ISO sensitivity is 100 in M mode)

	Bulb and Time setting (can be set when ISO sensitivity is 100 in M mode): Up to 60 seconds 1/8000 to 1/30 s (when recording movies)
Flash sync speed	Synchronizes with all shutter speeds
Self-timer	Can be selected from 10 s and 3 s
Type	Electronically-controlled 7-blade iris diaphragm
Range	10 steps of 1/3 EV (W) (A, M mode)
Built-in flash	Yes
Range of built-in flash (approx.) (ISO	[W]: 0.3 to 10 m (12 in. to 33 ft) 5.0 to 6.6 m (16 ft 5 in. to 21 ft) (a focal length equivalent to that of a 2000 mm lens in 35mm [135] format)

sensitivity: [Auto])	With a focal length equivalent to that of a lens longer than 2000 mm in 35mm [135] format: Outside of flash range
Control	TTL auto flash with monitor preflashes
Flash exposure compensation	In steps of 1/3 EV in the range between –2 and +2 EV
Accessory shoe	ISO 518 hot-shoe with sync and data contacts and safety lock
USB connector	Type C connector, Hi-Speed USB
HDMI output connector	HDMI micro connector (Type D)
External microphone	Stereo mini-pin jack (3.5 mm diameter; plug-in power supported)Stereo mini-pin jack (3.5 mm diameter; plug-in power supported)Stereo mini-pin jack (3.5 mm diameter;

connector	plug-in power supported)
Accessory terminal	Support for MC-DC2 Remote Cord (available separately)
Wi-Fi (Wireless LAN) standards	IEEE 802.11b/g (standard wireless LAN protocol)
Operating frequency	2412 to 2462 MHz (1 to 11 channels)
Maximum output power	6.0 dBm (EIRP)
Authentication	Open system, WPA2-PSK, WPA3-SAE

Communication protocols	Bluetooth Specification Version 5.2
Operating frequency	Bluetooth: 2402 to 2480 MHz Bluetooth Low Energy: 2402 to 2480 MHz
Maximum output power	Bluetooth: 4.2 dBm (EIRP) Bluetooth Low Energy: 4.2 dBm (EIRP)
Power sources	One EN-EL20a Rechargeable Li-ion Battery (included) EH-5d AC Adapter; requires EP-5C Power Connector (available separately)
Charging time	Approx. 3 h (when using the optional EH-8P AC Adapter with the optional UC-E25 USB Cable and when no charge remains)
Battery life of still shooting	Approx. 260 shots when using EN-EL20a*1

Battery life of movies (actual battery life for recording)	Approx. 1 h 10 min when using EN-EL20a*1*2
Tripod socket	0.635 cm (1/4 in., ISO 1222)
Dimensions (WxHxD)	Approx. 146.3 x 118.8 x 181.3 mm (5.8 x 4.7 x 7.2 in.) (excluding projections)
Weight	Approx. 1410 g (3 lb 1.8 oz) (including battery and memory card)
Operating environment - temperature	0°C to 40°C (32°F to 104°F)

Operating environment - humidity	85% or less (no condensation)
Supplied Accessories	AN-DC3 Strap, LC-77 Lens Cap, HB-CP1 Lens Hood, EN-EL20a Rechargeable Li-ion Battery, UC-E24 USB Cable