

Nikon 1 J5



At the heart of the image



I AM THE POWER TO IMPRESS



WHITE

SILVER

BLACK

Digital camera with support for interchangeable lenses Nikon 1 J5 specifications

Type	Digital camera with support for interchangeable lenses
Lens mount	Nikon 1 mount
Effective angle of view	Approx. 2.7x lens focal length (35mm format equivalent)
Image sensor format	CX
Image sensor type	CMOS
Sensor size	13.2mm x 8.8mm
Total pixels	23.0million
Effective pixels	20.8million
Image size (pixels)	<ul style="list-style-type: none"> • Still images taken in auto, P, S, A, M, sports, best moment capture, and all creative modes other than easy panorama (aspect ratio 3 : 2), (L)5568 x 3712, (M)4176 x 2784, (S)2784 x 1856 • Still images taken in normal panorama mode with camera panned horizontally (aspect ratio 120 : 23), (L)4800 x 920 • Still images taken in normal panorama mode with camera panned vertically (aspect ratio 8 : 25), (L)1536x4800 • Still images taken in wide panorama mode with camera panned horizontally (aspect ratio 240 : 23), (L)9600 x 920 • Still images taken in wide panorama mode with camera panned vertically (aspect ratio 4 : 25), (L)1536 x 9600 • Still images taken during movie recording (aspect ratio 3 : 2), (L)5568 x 3712 • Motion Snapshots (photo portion, aspect ratio 16 : 9) 5568 x 3136
File format	<ul style="list-style-type: none"> • NEF (RAW): 12-bit, compressed • JPEG: JPEG-Baseline compliant with fine (approx. 1 : 4), normal (approx. 1 : 8) compression • NEF (RAW) + JPEG: Single photograph recorded in both NEF (RAW) and JPEG formats
Picture Control system	Standard, Neutral, Vivid, Monochrome, Portrait, Landscape, ; selected Picture Control can be modified
Media	microSD (micro Secure Digital), microSDHC, microSDXC memory cards
File system	DCF 2.0, Exif 2.3, PictBridge
Shooting modes	Auto; sports; creative, with a choice of the following options: pop, retro, high-contrast monochrome, nostalgic sepia, HDR, easy panorama, soft, miniature effect, selective color, cross process, toy camera effect, cross screen, fisheye, skin softening, night landscape, night portrait, landscape, close-up, and portrait; programmed auto with flexible program, shutter-priority auto, aperture-priority auto, and manual; best moment capture (Active Selection, slow view and Smart Photo Selector); advanced movie (HD movie, 4K movie, time-lapse movie, slow motion, jump cut, fast motion and 4-second movie); Motion Snapshot; Self-portrait
Type	Electronic shutter
Speed	1/16000 to 30s, in steps of 1/3 EV; Bulb Note: Bulb ends automatically after approximately 2 minutes
Flash sync speed	Synchronizes with shutter at X=1/60s or slower
Modes	S (single frame), Continuous, Self-timer, Interval timer shooting
Frame advance rate	Approx. 5, 10, 20, 30, or 60 fps
Self-timer	2 s, 10 s
Metering system	TTL metering using image sensor
Metering method	<ul style="list-style-type: none"> • Matrix • Center-weighted: Meters 4.5mm circle in center of frame • Spot: Meters 2mm circle centered on selected focus area
Mode	P programmed auto with flexible program; S shutter-priority auto; A aperture-priority auto; M manual; Scene auto selector
Exposure compensation	-3 to +3 EV, in increments of 1/3 EV
Exposure lock	Luminosity locked at metered value when shutter-release button is pressed halfway
ISO sensitivity	ISO 160; ISO 200 to 12800, in steps of 1 EV, 6400 (NR), 12800 (NR); Auto ISO sensitivity control (ISO 160 to 6400, 160 to 3200, 160 to 800) available (user controlled in exposure modes P, S, A, and M)
Active D-lighting	On, off
Autofocus system	Hybrid autofocus (phase-detection/contrast-detect AF), AF-assist illuminator
Lens servo	<ul style="list-style-type: none"> • Auto AF-S/AF-C selection (AF-A), Full-time AF (AF-F), Single AF (AF-S), Continuous AF (AF-C) • Manual focus (MF)
Focus area	<ul style="list-style-type: none"> • Single-point AF: 171 focus areas; The center 105 areas support phase-detection AF • Auto-area AF: 41 focus areas
AF-area mode	Single-point, auto-area, subject tracking
Focus lock	Focus can be locked by pressing shutter-release button halfway (single AF)
Face priority	On, off
Built-in flash	<ul style="list-style-type: none"> • Auto and all creative modes other than HDR, easy panorama, landscape, and night landscape: Flash pops up automatically and fires as required • P, S, A, M, and self-portrait: Manual

Guide number (GN)	Approx. 5/16 (mft, ISO 100, 20 °C/68 °F; at ISO 160, Guide Number is approx. 6.3/20.7)
Control	F-TTL flash control using image sensor
Mode	Auto, auto + red-eye reduction, fill flash, fill flash + slow sync, red-eye reduction, red-eye reduction + slow sync, rear-curtain sync, rear curtain + slow sync, off
Flash compensation	-3 to +1 EV, in increments of 1/3 EV
Flash-ready indicator	Lights when built-in flash unit is fully charged
White balance	Auto, incandescent, fluorescent, direct sunlight, flash, cloudy, shade, preset manual, all except preset manual with fine tuning
Metering	TTL metering using image sensor
Metering method	<ul style="list-style-type: none"> • Matrix • Center-weighted: Meters 4.5mm circle in center of frame • Spot: Meters 2mm circle centered on selected focus area
Frame size (pixels) and recording rate	HD movies (aspect ratio 16 : 9) <ul style="list-style-type: none"> • 1920 x 1080/60p (59.94 fps) • 1920 x 1080/30p (29.97 fps) • 1280 x 720/60p (59.94 fps) • 1280 x 720/30p (29.97 fps) 4K movies (aspect ratio 16 : 9) <ul style="list-style-type: none"> • 3840 x 2160/15p (14.99 fps) Slow-motion movies <ul style="list-style-type: none"> • 1280 x 720/120 fps (aspect ratio 16 : 9; plays at 30p/29.97 fps) • 800 x 296/400 fps (aspect ratio 8 : 3; plays at 30p/29.97 fps) • 400 x 144/1200 fps (aspect ratio 8 : 3; plays at 30p/29.97 fps) Time-lapse, fast-motion, jump-cut, and 4-second movies (aspect ratio 16 : 9) <ul style="list-style-type: none"> • 1920 x 1080/30p (29.97 fps) • Motion Snapshots (movie portion, aspect ratio 16 : 9) • 1920 x 1080/60p (59.94 fps) (plays at 24p/23.976 fps)
File format	MOV
Video compression	H.264/MP4G-4 Advanced Video Coding
Audio recording format	PCM
Audio recording device	Built-in stereo microphone; sensitivity adjustable
Monitor size	7.5cm (3-in.)
Monitor resolution	Approx.1037k-dot, tilting TFT LCD touch screen with brightness adjustment
Playback	Full-frame and thumbnail (4, 9, or 16 images or calendar) playback with playback zoom, bursts shown as key frames or as consecutive pictures, movie and panorama playback, slide show, histogram display, and auto image rotation
USB interface	Hi-Speed USB
HDMI output connector	Type D HDMI connector
Wireless Standard	IEEE 802.11b, IEEE 802.11g
Operating frequency	2412 to 2462 MHz (channels 1 to 11)
Range (line of sight)	Approximately 10 m/33 ft (assumes no interference; range may vary with signal strength and presence or absence of obstacles)
Data rate	54 Mbps Maximum logical data rates according to IEEE standard. Actual rates may differ.
Authentication	Open system, WPA2-PSK
Access protocols	Infrastructure
NFC Operation	NFC Forum Type 3 Tag
Supported languages	Arabic, Bulgarian, Chinese (Simplified and Traditional), Czech, Danish, Dutch, English, Finnish, French, German, Greek, Hindi, Hungarian, Indonesian, Italian, Japanese, Korean, Norwegian, Persian, Polish, Portuguese (European and Brazilian), Romanian, Russian, Serbian, Spanish, Swedish, Thai, Turkish, Ukrainian, Vietnamese
Battery	One rechargeable Li-ion EN-EL24 battery
AC adapter	EH-5b AC adapter; requires EP-5F power connector (available separately)
Tripod socket	1/4-in. (ISO 1222)
Dimensions (W x H x D)	Approx.98.3 x 59.7 x 31.5mm (3.9 x 2.4 x 1.3in.), excluding projections
Weight	Approx.265g (9.4oz), with battery and memory card but without body cap; approx. 231g (8.2oz), camera body only
Operating environment	Temperature 0 °C to 40 °C (+32 °F to 104 °F) Humidity 85% or less (no condensation)
Supplied accessories	Body Cap BF-N1000 (included), rechargeable Li-ion Battery EN-EL24 (included with terminal cover), battery Charger MH-31 (included; plug adapter supplied in countries or regions where required; shape depends on country of sale), Lens (supplied only if lens kit is purchased with camera), strap AN-N1000, USB Cable UC-E20

- Unless otherwise stated, all measurements are performed in conformity with Camera and Imaging Products Association (CIPA) guideline.
- All figures are measured under a camera with a fully-charged battery.
- Nikon reserves the right to change the specifications of the hardware and software described in this page at any time and without prior notice. Nikon will not be held liable for damages that may result from any mistakes that this page may contain.



Specifications and equipment are subject to change without any notice or obligation on the part of the manufacturer. Colour availability may vary according to region.

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WARNING

TO ENSURE CORRECT USAGE, READ MANUALS CAREFULLY BEFORE USING YOUR EQUIPMENT. SOME DOCUMENTATION IS SUPPLIED ON CD-ROM ONLY.

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EXPEED 5A



New, Advanced EXPEED 5A Image Processing Engine

This fast new engine delivers improved speed, increased noise reduction at high ISO settings, and greater energy savings. Whether you're shooting at ISO 160 or ISO 12800, the impressive engine ensures rich colours, smooth tones and razor-sharp details in every photo. It also shoots stunning 4K movies and improves colour reproduction in live view.



New 3-Inch (1037k-dot) Tilting TFT LCD Touch Monitor

With a tilting LCD monitor that tilts upwards to approximately 180° and downwards to approximately 86°, you are able to effortlessly capture the essence of objects from both high and low angles. The new Self-Portrait mode offers skin softening, self-timer and exposure compensation features. You can also directly adjust skin softening and exposure through the intuitive touch monitor, while Glamour Retouch allows you to perform functions such as minimize face, enlarge eyes, remove dark circles and whiten teeth, ensuring that you look your best in every photo.



Up to 60fps High Speed Continuous Shooting

The camera records a burst of images at up to 60 frames per second (fps), even in RAW format. Continuous shooting with AF is realized while shooting with approximately 20fps frame rate. With the new "Sports" mode, the camera automatically selects the desired setting, allowing you to capture moving objects with ease.

Built-in Wi-Fi® and NFC function

Whether you're at home or on-the-road, uploading and sharing photos is a breeze. The J5's built-in Wi-Fi® and NFC*1 capabilities allow your pre-selected images to be transferred to smart devices once connected via the free Wireless Mobile Utility app*2, available for iOS and Android devices. You can also use your smart device to remotely control and shoot images through the J5.



4K



Support 4K High Quality Movie Recording

With 4K (3840 x 2160/15p) movie recording, the resolution recorded is higher than Full HD, enabling you to shoot remarkably stunning videos. Each 4K movie can be approximately 10 minutes long. Even in challenging lighting conditions, your movies will be crisp and clean thanks to the improved noise reduction capability of the new image sensor and EXPEED 5A image processing engine.

The Nikon 1 J5 also provides many types of Advanced Movie modes including Time-Lapse, Slow Motion, Fast Motion, Jump Cut and 4-second movie. Selective Colour and Cross Process modes can also now be used with movie recording for artistic movie expressions.

*1 NFC-compatible Android™ smartphones and tablets (Android™ 4.0 or later)

*2 Wireless Mobile Utility must be installed into the smart device (compatible with iOS/Android™) to use the Wi-Fi® function. Wireless Mobile Utility can be downloaded for free from the respective application store. Wireless transfer of videos is only available for Android OS.