

Nikon Coolpix A300

COOLPIX A300

	Effective pixels
Effective pixels	20.1 million (Image processing may reduce the number of effective pixels.)
Image sensor	
Image sensor	1/2.3-in. type CCD Total pixels: approx. 20.48 million
Lens	
Lens	NIKKOR lens with 8 x optical zoom
Focal length	4.5-36.0 mm (angle of view equivalent to that of 25-200 mm lens in 35mm [135] format)
f/-number	f/3.7-6.6
Construction	8 elements in 7 groups
Digital zoom magnification	
Digital zoom magnification	Up to 4x (angle of view equivalent to that of approx. 800 mm lens in 35mm [135] format)
Vibration reduction	
Vibration reduction	Lens-shift VR (still images) , Lens shift and electronic VR (movies)
Autofocus (AF)	
Autofocus	Contrast-detect AF [W]: Approx. 50 cm (1 ft 8 in.)-∞ [T]: Approx. 1.5 m (5 ft)-∞
Focus range	Macro mode: Approx. 2 cm (0.8 in.)-∞ (wide-angle position) (All distances measured from center of front surface of lens)
Focus-area selection	Face priority, center, manual with 99 focus areas, subject tracking, target finding AF
Monitor	
Monitor size	6.7 cm (2.7 in.), approx. 230k-dot, TFT LCD with anti-reflection coating and 5-level brightness adjustment
Frame coverage (shooting mode)	Approx. 99% horizontal and vertical (compared to actual picture)
Frame coverage (playback mode)	Approx. 99% horizontal and vertical (compared to actual picture)
Storage	
Media	SD , SDHC , SDXC Internal memory (approx. 19 MB)
File system	DCF and Exif 2.3 compliant
File formats	Still images: JPEG

	Movies: AVI (Motion-JPEG compliant)
Image size (pixels)	<ul style="list-style-type: none"> • 20M (High) [5152 x 3864★] • 20M [5152 x 3864] • 10M [3648 x 2736]
Image size (pixels)	<ul style="list-style-type: none"> • 4M [2272 x 1704] • 2M [1600 x 1200] • 16:9 (14M) [5120 x 2880] • 1:1 [3864 x 3864]
ISO sensitivity (Standard output sensitivity)	ISO 80-1600
Exposure	ISO 3200 (available when using Auto mode)
Metering	Matrix, center-weighted (digital zoom less than 2x), spot (digital zoom 2x or more)
Exposure control	Programmed auto exposure and exposure compensation (−2.0+2.0 EV in steps of 1/3 EV)
Shutter	
Shutter	Mechanical and CCD electronic shutter
Speed	<ul style="list-style-type: none"> • 1/1500-1 s • 4 s (Fireworks show scene mode)
Self-timer	10 s, 2 s 5 s (Self-portrait timer)
Aperture	
Aperture Range	Electromagnetic ND filter (−3 AV) selection
Flash	2 steps (f/3.7 and f/10.5 [W])
Range (approx.) (ISO sensitivity: Auto)	[W]: 0.5-2.8 m (1 ft 8 in.-9 ft 2 in.) [T]: 1.5 m (4 ft 11 in.)
Flash control	TTL auto flash with monitor preflashes
Interface	
USB connector	Hi-Speed USB <ul style="list-style-type: none"> • Supports Direct Print (PictBridge) • Also used as audio/video output connector (NTSC or PAL can be selected for video output.)
Wi-Fi (Wireless LAN)	
Standards	IEEE 802.11b/g (standard wireless LAN protocol)
Frequency	2412-2462 MHz (1-11 channels)

Authentication	Open system, WPA2-PSK
Bluetooth	
Communication protocols	Bluetooth Specification Version 4.1
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, Portuguese (European and Brazilian), Romanian, Russian, Serbian, Spanish, Swedish, Tamil, Telugu, Thai, Turkish, Ukrainian, Vietnamese
Supported languages	
Power sources	
Power sources	One EN-EL19 Rechargeable Li-ion Battery (included) EH-62G AC Adapter (available separately)
Charging time	Approx. 2 h 40 min (when using EH-72P/EH-72PCH Charging AC Adapter and when no charge remains)
Battery life^{*1}	
Still images	Approx. 240 shots when using EN-EL19
Movies (actual battery life for recording)^{*2}	Approx. 45 min when using EN-EL19
Tripod socket	
Tripod socket	1/4 (ISO 1222)
Dimensions / weight	
Dimensions (WxHxD)	Approx. 95.9 x 58.0 x 20.1 mm (3.8 x 2.3 x 0.8 in.) (excluding projections)
Weight	Approx. 119 g (4.2 oz) (including battery and memory card)
Operating environment	
Temperature	0°C-40°C (32°F-104°F)
Humidity	85% or less (no condensation)
Supplied accessories	
Supplied accessories^{*3}	Camera Strap, EN-EL19 Rechargeable Li-ion Battery, EH-72P Charging AC Adapter (A plug adapter is included if the camera was purchased in a country or region that requires a plug adapter. The shape of the plug adapter varies with the country or region of purchase.), UC-E16 USB Cable

- All measurements are performed in conformity with Camera and Imaging Products Association (CIPA) standards or guidelines.
- *1 Battery life does not reflect the use of SnapBridge and may vary with the conditions of use, including temperature, the interval between shots, and the length of time that menus and images are displayed.
- *2 Individual movie files cannot exceed 2 GB in size or 29 minutes in length. Recording may end before this limit is reached if camera temperature becomes elevated.

- *3 Supplied accessories may differ by country or area.

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