

# Nikon COOLPIX 4300 Specifications

<b>Type of camera</b>	Digital camera E4300
<b>Effective pixels</b>	4.0 million
<b>CCD</b>	1/1.8-inch type (4.13 million total pixels)
<b>Image size</b>	2272 (2,272 x 1,704 pixels), 2048 (2,048 x 1,536 pixels), 1600 (1,600 x 1,200 pixels), 1280 (1,280 x 960 pixels), 1024 (1,024 x 768 pixels), 640 (640 x 480 pixels) selectable
<b>Lens</b>	3x Zoom-Nikkor; f = 8-24mm (35mm [135] camera format equivalent to 38-114mm); f/2.8-4.9; 9 elements in 8 groups
<b>Digital zoom</b>	4x digital zoom
<b>Autofocus</b>	Contrast-detect TTL AF: 5-area Multi AF or Spot AF selectable
<b>Focus modes</b>	Continuous AF, Single AF, Manual Focus (49 positions, focus confirmation image)
<b>Focus range</b>	30cm (11.8 in.) to infinity ( $\infty$ ) at widest zoom angle setting; 60cm (23.6 in.) at telephoto zoom angle setting; 4cm (1.6 in.) to infinity ( $\infty$ ) in Macro mode
<b>Optical viewfinder</b>	Real-image zoom optical viewfinder with LED indication Frame coverage: approx. 80%
<b>LCD monitor</b>	1.5-in., 110,000-dot, low-temp. polysilicon TFT LCD; brightness adjustment (5 steps); Frame coverage: approx. 97%
<b>Storage system</b>	Exif 2.2 file (uncompressed TIFF-RGB or compressed JPEG) Design rule for camera file system (DCF), Fine: approx. 1/4; Normal: approx. 1/8; Basic: approx. 1/16; uncompressed mode TIFF-RGB, Quick Time Motion JPEG (Movie)
<b>Media</b>	CompactFlash™ (CF) Card Type I
	No. of frames with 16MB CF Card (approx.)

Image size	2272	2048	1600	1280	1024	640
Image Quality						
HI	1	-	-	-	-	-
FINE	8	10	16	24	37	86
NORMAL	16	19	31	47	69	144
BASIC	32	37	59	86	121	229

<b>Shooting modes</b>	Auto, SCENE, Manual, Movie
<b>Scene modes</b>	Portrait, Party/Indoor, Night Portrait, Beach/Snow, Landscape, Sunset, Night Landscape, Museum, Fireworks Show, Close Up, Copy and Back Light.
<b>Capture modes</b>	1) Single, 2) Continuous, 3) Multi-Shot 16 (1/16 size), 4) VGA Sequence, 5) Ultrahigh-speed Continuous (QVGA-size images; approx. 30 fps; up to 70 frames)
<b>Movie</b>	Up to 35 sec. QVGA-size images at 15 fps
<b>Exposure metering</b>	4-mode TTL metering: 1) 256-segment Matrix, 2) Spot, 3) Centre-Weighted, 4) Spot AF Area
<b>Shutter</b>	Mechanical and charge-coupled electronic shutter; 8 to 1/1,000 sec., and Bulb (up to 60 sec.)

<b>Aperture</b>	Electronically controlled preset aperture
<b>Exposure control</b>	1) Programmed Auto, 2) Manual; Exposure Compensation ( $\pm 2$ EV in 1/3 EV steps); Auto Exposure Bracketing
<b>Exposure range</b>	EV -3 ~ +15 (W), EV +1.4 ~ +16.6 (T) (ISO 100 equivalent)
<b>Sensitivity (approx.)</b>	Auto or Manual (ISO 100, 200, 400, equivalent); can be controlled in Manual mode
<b>White balance</b>	1) Matrix Auto White Balance with TTL control, 2) 5-mode Manual with fine-tuning (Fine/Incandescent/Fluorescent/Cloudy/Speedlight), 3) Preset, 4) White Balance Bracketing
<b>Self-timer</b>	10 sec. or 3 sec. duration
<b>Auto OFF mode</b>	Selectable (30 sec. 1/5/30 min.)
<b>Built-in Speedlight</b>	Shooting range: approx. 0.4 - 3.0m (1.3 - 9.8 ft.) (W), approx. 0.4 - 1.7m (1.3 - 5.6 ft.) (T) Flash modes: 1) Auto Flash, 2) Flash Cancel, 3) Red Eye Reduction, 4) Anytime Flash 5) Slow Sync
<b>Playback menu options</b>	Single frame, Thumbnail (4/9 segments), Slide show, Enlarged playback (up to 6x), Movie; Histogram indication and highlight point display; Hide and protect attributes can be set to each image; Focus confirmation indication
<b>Interface</b>	USB
<b>I/O terminal</b>	Power input; Video output (NTSC or PAL selectable); Digital terminal (USB/Remote Cord)
<b>Power requirements</b>	One Rechargeable Li-ion Battery EN-EL1 (included), One 6V 2CR5/DL245 lithium battery (optional), AC Adapter EH-53 (optional)
<b>Battery life</b>	Approx. 90 min. when using LCD monitor and EN-EL1 battery at normal temperature (20°C [68°F])
<b>Dimensions (W x H x D)</b>	95 x 69 x 52mm (3.7 x 2.7 x 2.0 in.)
<b>Weight</b>	Approx. 230g (8.1 oz.) (without battery and storage media)

**Supplied accessories**\*Lens Cap, Hand Strap, Video Cable, 16MB CompactFlash™ Card, USB Cable UC-E1, Rechargeable Li-ion Battery EN-EL1, Battery Charger MH-53, Nikon View 5 CD-ROM

\*Supplied accessories may differ by country or area

**Optional accessories** AC Adapter EH-53, Battery Charger (DC 12V in) MH-53C, Rechargeable Li-ion Battery EN-EL1, Various size CompactFlash™ Cards, Soft Case CS-E885, Step Down Ring Lens Adapter UR-E4, Wideangle Converter WC-E24/WC-E63\*, Telephoto Converter TC-E2/TC-E3ED\*, Fisheye Converter FC-E8\*, Slide Copy Adapter ES-E28\*, Remote Cord MC-EU1, LCD Hood HL-E885  
\*Step Down Ring Lens Adapter UR-E4 is necessary.

## **Nikon View 5 System Requirements**

### **Macintosh**

<b>OS</b>	Mac® OS 9.0 - 9.2 (only built-in USB ports supported), Mac® OS X (10.1.2 or later)
<b>Models</b>	iMac™, Power Macintosh® G3 (Blue/White), Power Mac™ G4 or later; iBook™, PowerBook® G3 or later only built-in USB ports are supported
<b>RAM</b>	64MB or more recommended
<b>Hard disk</b>	25MB required for installation, with additional amount equivalent to twice the capacity of the camera memory card plus 10MB required when Nikon View 5 is running
<b>Display</b>	800 x 600 with thousands of colors millions of colors recommended or higher
<b>Others</b>	CD-ROM drive required for installation

### **Windows**

<b>OS/Models</b>	Windows® 98SE, Windows® Me, Windows® 2000 Professional, Windows® XP Home Edition, Windows® XP Professional pre-installed model
<b>CPU</b>	Pentium® 300MHz or higher
<b>RAM</b>	64MB or more recommended
<b>Hard disk</b>	25MB required for installation, with additional amount equivalent to twice the capacity of the camera memory card plus 10MB required when Nikon View 5 is running
<b>Display</b>	800 x 600 with High Color (True Color recommended) or higher
<b>Others</b>	CD-ROM drive required for installation

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"Exif Print" is the industrial term for Exif 2.2, which is a newly established standard for Digital Still Camera Image File Format.

Specifications and equipment are subject to change without any notice or obligation on the part of the manufacturer.

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