

Specifications for Fujifilm FinePix JX680 16MP Digital Camera

Model name	FinePix JX680
Number of effective pixels ^{*1}	16.0 million pixels
Image sensor	1/2.3-inch CCD with primary color filter
Storage media	<ul style="list-style-type: none">• Internal memory (none)• SD / SDHC / SDXC memory card^{*2}
File format	<p>still image JPEG (Exif Ver 2.3)^{*3} (Design rule for Camera File system compliant / DPOF-compatible) 3D still image:MPO compliant</p> <p>movie AVI (Motion JPEG)</p>
Number of recorded pixels	<p>still image JX680 L : (4:3) 4608 x 3440 / (3:2) 4608 x 3072 / (16:9) 4608 x 2592 M : (4:3) 3264 x 2448 / (16:9) 3072 x 1728 S : (4:3) 2304 x 1728 / (16:9) 1920 x 1080</p>
Lens	<p>name Fujinon 5x optical zoom lens</p> <p>focal length f=4.6mm - 23mm, equivalent to 26 - 130mm on a 35mm format</p> <p>full-aperture F3.5(Wide) - F6.3(Telephoto)</p> <p>constitution 5 groups 6 lenses</p>
Digital zoom	Approx. 7.2x (up to approx. 36.0x, with 5x optical zoom)
Aperture	F3.5 / F8.0(Wide) F6.3 / F15.0 (Telephoto) with ND filter

**Focus distance
(from lens surface)**

Normal

Wide : approx. 50cm to infinity / 1.6ft. to infinity

Telephoto: approx. 90cm to infinity / 2.9ft. to infinity

Macro

Wide : approx. 10cm - 80cm / 0.3ft. - 2.6ft.

Telephoto : approx. 80cm - 1.3m / 2.6ft. - 4.2ft.

Sensitivity

Auto, ISO 100 / 200 / 400 / 800 / 1600 / 3200* (Standard Output Sensitivity)

- * ISO 3200 is effective in image size S.

Exposure control

TTL 256-zone metering

Exposure mode

Programmed AE

Shooting modes

SP

SR AUTO, AUTO, Program, Natural Light & with Flash, Natural Light, Portrait, Baby, Smile, Landscape, Panorama, Sport, Night, Night (Tripod), Fireworks, Sunset, Snow, Beach, Party, Flower, Text, Advanced Filter, Individual shutter 3D

MODE DIAL

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Image stabilizer

-

**Exposure
compensation**

-2.0EV - +2.0EV 1/3EV step

Shutter speed

(Auto mode) 1/4sec. to 1/1400sec.
(All other modes) 8sec. to 1/1400sec.

Continuous shooting

TOP

approx. 1.1fps (max. 3 frames)

Auto bracketing

-

Focus

mode

Single AF / Continuous AF (SR AUTO, Movie)

type

TTL contrast AF

	AF frame selection Center / Tracking
White balance	Automatic scene recognition Preset Fine, Shade, Fluorescent light (Daylight), Fluorescent light (Warm White), Fluorescent light (Cool White), Incandescent light
Self-timer	Approx. 10sec. / 2sec. delay
Flash	Auto flash (i-flash) Effective range : (ISO AUTO) Normal <ul style="list-style-type: none"> Wide : approx. 50cm - 6.3m / 1.6ft. - 20.6ft. Telephoto : approx. 90cm - 3.5m / 2.9ft. - 11.4ft. Macro <ul style="list-style-type: none"> Wide : approx. 30cm - 80cm / 0.9ft. - 2.6 ft. Telephoto : approx. 80cm - 1.2m / 2.6ft. - 3.9ft.
Flash modes	Face detection OFF Auto, Forced Flash, Suppressed Flash, Slow Synchro. Face detection ON Red-eye Reduction Auto, Red-eye Reduction & Forced Flash, Suppressed Flash, Red-eye Reduction & Slow Synchro.
Hot shoe	-
LCD monitor	3.0-inch, approx. 230K-dot, TFT color LCD monitor, approx. 96% coverage
Movie recording	1280 x 720pixels / 640 x 480pixels / 320 x 240pixels (30fps) with monaural sound. Zoom function can be used. Sounds will not be recorded during optical zoom operation.
Photography functions	SR AUTO, Face Detection, Blink detection, Framing guideline, Frame No. memory, Date stamp, Motion Panorama, Individual shutter 3D, Recording movie in the SR AUTO : Automatic Scene Selection, Advanced Filter(Toy Camera, Miniature, Pop Color, High-key, Soft Focus, Cross Screen, Partial Color/Red, Orange, Yellow, Green, Blue, Purple)
Playback functions	Face Detection, Photobook assist, Image search, Erase selected frames, Slide show,

	Protect, Crop, Resize, Image rotate, Mark for upload, Multi-frame playback (with Microthumbnail), Motion Panorama, Favorite, Movie edit
Other functions	PictBridge, Exif Print, 35 languages selection, Time difference, Silent mode
Terminal	Video output NTSC / PAL selectable with monaural sound Digital interface USB 1.1 Full-Speed
Power supply	Li-ion battery NP-45A (included)
Dimensions	95.1mm(W) x 57.1mm(H) x 21.4mm(D) / 3.7in.(W) x 2.2in.(H) x 0.8in.(D)(Minimum depth: 19.4mm / 0.7in.)
Weight	Approx. 120g / 4.2oz. (including battery and memory card) Approx. 104g / 3.6oz. (excluding battery and memory card)
Operating Temperature	0°C - 40°C
Operating Humidity	10% - 80% (no condensation)
Guide to the number of available frames for battery operation	Approx. 230frames (AUTO mode) <ul style="list-style-type: none"> * Fujifilm research based on CIPA standards
Accessories included	Li-ion battery NP-45A or NP-45B AC power adapter USB cable Hand strap CD-ROM Owner's manual
Optional accessories	Li-ion battery NP-45A Battery charger BC-45W AV cable AV-C1 HD Player HDP-L1 FinePix REAL 3D V3