

## Specifications

Model name	FinePix JX660
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"> <li>Internal memory (none)</li> <li>SD / SDHC / SDXC memory card*2</li> </ul>
File format	<p>still image</p> <p>JPEG (Exif Ver 2.3)*3 (Design rule for Camera File system compliant / DPOF-compatible)</p> <p>3D still image:MPO compliant</p> <p>movie</p> <p>AVI (Motion JPEG)</p>
Number of recorded pixels	<p>still image</p> <p>JX660</p> <p>L : (4:3) 4608 x 3440 / (3:2) 4608 x 3072 / (16:9) 4608 x 2592</p> <p>M : (4:3) 3264 x 2448 / (16:9) 3072 x 1728</p> <p>S : (4:3) 2304 x 1728 / (16:9) 1920 x 1080</p>
Lens	<p>name</p> <p>Fujinon 5x optical zoom lens</p> <p>focal length</p> <p>f=4.6mm - 23mm, equivalent to 26 - 130mm on a 35mm format</p> <p>full-aperture</p> <p>F3.5(Wide) - F6.3(Telephoto)</p> <p>constitution</p>

	5 groups 6 lenses
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  -
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"> <li>• Wide : approx. 50cm - 6.3m / 1.6ft. - 20.6ft.</li> <li>• Telephoto : approx. 90cm - 3.5m / 2.9ft. - 11.4ft.</li> </ul> Macro <ul style="list-style-type: none"> <li>• Wide : approx. 30cm - 80cm / 0.9ft. - 2.6 ft.</li> <li>• Telephoto : approx. 80cm - 1.2m / 2.6ft. - 3.9ft.</li> </ul>
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"> <li>* Fujifilm research based on CIPA standards</li> </ul>
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

- \*1Number of effective pixels: The number of pixels on the image sensor which receive input light through the optical lens, and which are effectively reflected in the final output data of the still image.
- \*2Please see the Fujifilm website to check memory card compatibility.
- \*3Exif 2.3 is a digital camera file format that contains a variety of shooting information for optimal printing.

#### Memory Card Capacity and Image Quality / Size

All figures are approximate; file size varies with the scene recorded, producing wide variations in the number of files that can be stored.

JX660

Number of images						
Modes	Still image (L)					
Number of recorded pixels	4608 x 3440 (4:3)		4608 x 3072 (3:2)		4608 x 2592 (16:9)	
Quality	JPEG	JPEG	JPEG	JPEG	JPEG	JPEG NORMAL

		FINE	NORMAL	FINE	NORMAL	FINE	
SDHC memory card	2 GB	240	470	270	530	310	620
	4 GB	480	950	540	1060	640	1250
	8 GB	970	1910	1080	2130	1280	2510
Number of images							
Modes		Still image (M)					
Number of recorded pixels		3264 x 2448 (4:3)			3072 x 1728 (16:9)		
Quality		JPEG FINE	JPEG NORMAL	JPEG FINE	JPEG NORMAL		
SDHC memory card	2 GB	470	920	700	1340		
	4 GB	940	1840	1400	2690		
	8 GB	1890	3680	2810	5380		
Number of images							
Modes		Still image (S)					
Number of recorded pixels		2304 x 1728 (4:3)		1920 x 1080 (16:9)			
Quality		JPEG FINE	JPEG NORMAL	JPEG FINE	JPEG NORMAL		
SDHC	2	920	1740	1680	3040		

memory card	GB				
	4 GB	1840	3490	3360	6080
	8 GB	3690	6980	6720	12160
Recording time					
Modes		Movie <sup>*4</sup>			
Number of recorded pixels		Movie recording time			
Quality		HD(1280 x 720) <sup>*5</sup>	VGA(640 x 480)	QVGA(320 x 240)	
SDHC memory card	2 GB	9min.	27min.	58min.	
	4 GB	18min.	55min.	116min.	
	8 GB	37min.	111min.	233min.	

- <sup>\*4</sup>Individual movie files cannot exceed file size of 2GB (approx. half of 4GB time in above table) or 29minutes.
- <sup>\*5</sup>Use a **CLASS4** card or better when shooting HD movie.