

Panasonic Lumix DMC-FZ1000 specifications

Price

MSRP \$899

Body type

Body type SLR-like (bridge)

Body material Metal, composite

Sensor

Max resolution 5472 x 3648

Other resolutions 4864x3648, 5472x3080, 3648x3648, 3888x2592, 3456x2592, 3840x2160, 2592x2592, 2736x1824, 2736x1824, 2432x1824, 1824x1824, 1920x1080

Image ratio w:h 1:1, 4:3, 3:2, 16:9

Effective pixels 20 megapixels

Sensor photo detectors 21 megapixels

Sensor size 1" (13.2 x 8.8 mm)

Sensor type CMOS

Processor Venus Engine

Color space sRGB

Color filter array Primary color filter

Image

ISO Auto, 125-12800 (expands to 80-25600)

White balance presets 5

Custom white balance Yes (4 slots)

Image stabilization Optical

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| Image stabilization notes | 5-axis |
| Uncompressed format | RAW |
| JPEG quality levels | Fine, standard |
| File format | <ul style="list-style-type: none"> • JPEG (DCF, EXIF v2.3) • RAW (ARW) |
| Optics & Focus | |
| Focal length (equiv.) | 25–400 mm |
| Optical zoom | 16× |
| Maximum aperture | F2.8 - F4.0 |
| | <ul style="list-style-type: none"> • Contrast Detect (sensor) • Multi-area • Center • Selective single-point |
| Autofocus | <ul style="list-style-type: none"> • Tracking • Single • Continuous • Face Detection • Live View |
| Autofocus assist lamp | Yes |
| Digital zoom | Yes (4x) |
| Manual focus | Yes |

Normal focus range 30 cm (11.81")

Macro focus range 3 cm (1.18")

Number of focus points 49

Screen / viewfinder

Articulated LCD Fully articulated

Screen size 3"

Screen dots 921,000

Touch screen No

Screen type TFT-LCD

Live view Yes

Viewfinder type Electronic

Viewfinder coverage 100%

Viewfinder magnification 0.7x

Viewfinder resolution 2,359,000

Photography features

Minimum shutter speed 60 sec

Maximum shutter speed 1/16000 sec

- Program

Exposure modes

- Shutter priority

- Aperture priority

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| | <ul style="list-style-type: none"> • Manual • Clear Portrait, Silky Skin, Backlit Softness, Clear in Backlight, Relaxing Tone, Sweet Child's Face, Distinct Scenery, Bright Blue Sky, Romantic Sunset Glow, Vivid Sunset Glow, Glistening Water, Clear Nightscape, Cool Night Sky, Warm Glowing Nightscape, Artistic Nightscape, Glittering Illuminations, Handheld Night Shot, Clear Night Portrait, Soft Image of a Flower, Appetizing Food, Cute Dessert, Freeze Animal Motion, Clear Sports Shot, Monochrome, Panorama |
| Scene modes | |
| Built-in flash | Yes |
| Flash range | 13.50 m (at Auto ISO) |
| External flash | Yes (via hotshoe) |
| Flash modes | Auto, Auto/Red-eye Reduction, Forced On, Forced On/Red-eye Reduction, Slow Sync, Slow Sync/Red-eye Reduction, Forced Off |
| | <ul style="list-style-type: none"> • Single-shot • Continuous |
| Drive modes | <ul style="list-style-type: none"> • AE bracket • Self-timer • Interval |
| Continuous drive | 12 fps |
| Self-timer | Yes |
| | <ul style="list-style-type: none"> • Multi |
| Metering modes | <ul style="list-style-type: none"> • Center-weighted • Spot |
| Exposure compensation | ±5 (at 1/3 EV steps) |
| AE Bracketing | ±3 (3, 5, 7 frames at 1/3 EV, 1/2 EV, 1 EV steps) |
| WB Bracketing | No |
| Videography features | |
| Resolutions | 3840x2160 (30p), 1920 x 1080 (60p, 60i, 30p, 24p) 1280x720 (30p), 640 x 480 (30p) |

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| Format | MPEG-4, AVCHD |
| Videography notes | 4K video uses MP4 (100Mbps), 1080p/720p use AVCHD (10-28Mbps) |
| Microphone | Stereo |
| Speaker | Mono |
| Connectivity | |
| USB | USB 2.0 (480 Mbit/sec) |
| HDMI | Yes (microHDMI) |
| Microphone port | Yes |
| Headphone port | No |
| Wireless | Built-In |
| Wireless notes | 802.11b/g/n with NFC |
| Remote control | Yes (wired) |
| Physical | |
| Environmentally sealed | No |
| Battery | Battery Pack |
| Battery description | DMW-BLC12PP lithium-ion battery and charger |
| Battery Life (CIPA) | 360 |
| Weight (inc. batteries) | 831 g (1.83 lb / 29.31 oz) |
| Dimensions | 137 x 99 x 131 mm (5.39 x 3.9 x 5.16") |
| Other features | |
| Orientation sensor | Yes |

Timelapse recording Yes

GPS None

See more about Panasonic FZ1000 camera here - <http://thenewcamera.com/tag/panasonic-fz1000/>