

# Panasonic Lumix DMC-GF7 specifications

<b>Body type</b>	Rangefinder-style mirrorless
<b>Sensor</b>	
<b>Max resolution</b>	4592 x 3448
<b>Other resolutions</b>	4:3 (3232 x 2424, 2272 x 1704), 3:2 (4592 x 3064, 3232 x 2160, 1824 x 1216), 3:2 (4592 x 2584, 3840 x 2160, 1920 x 1080), 1:1 (3424 x 3224, 2416 x 2416, 1712 x 1712)
<b>Image ratio w:h</b>	1:1, 4:3, 3:2, 16:9
<b>Effective pixels</b>	16 megapixels
<b>Sensor photo detectors</b>	17 megapixels
<b>Sensor size</b>	Four Thirds (17.3 x 13 mm)
<b>Sensor type</b>	CMOS
<b>Processor</b>	Venus Engine
<b>Color space</b>	sRGB, Adobe RGB
<b>Color filter array</b>	Primary color filter
<b>Image</b>	
<b>ISO</b>	Auto, 200-25600 (extends to 100-25600)
<b>White balance presets</b>	5
<b>Custom white balance</b>	Yes (2 slots)
<b>Image stabilization</b>	No
<b>Uncompressed format</b>	RAW
<b>JPEG quality levels</b>	Fine, standard
<b>File format</b>	<ul style="list-style-type: none"><li>• JPEG (Exif v2.3)</li></ul>

- Raw (RW2)
- MPO (3D)

### Optics & Focus

- Contrast Detect (sensor)
- Multi-area
- Center
- Selective single-point
- Tracking

### Autofocus

- Single
- Continuous
- Touch
- Face Detection
- Live View

### Autofocus assist lamp

Yes

### Digital zoom

Yes (2x-4x)

### Manual focus

Yes

### Number of focus points

23

### Lens mount

Micro Four Thirds

### Focal length multiplier

2x

### Screen / viewfinder

#### Articulated LCD

Tilting

#### Screen size

3"

#### Screen dots

1,040,000

**Touch screen** Yes (with touch AF, shutter, playback, menus)

**Screen type** TFT LCD

**Live view** Yes

**Viewfinder type** None

### **Photography features**

**Minimum shutter speed** 60 sec

**Maximum shutter speed** 1/16000 sec

- Exposure modes**
- Program
  - Aperture priority
  - Shutter priority
  - Manual
  - Portrait
  - Child
  - Scenery
  - Silky Skin
  - Backlit Softness
  - Relaxing Tone
- Scene modes**
- 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

**Built-in flash** Yes

**Flash range** 4.00 m (at ISO 100)

**External flash** No

**Flash modes** Auto, auto w/redeye reduction, flash on, flash on w/redeye reduction, slow sync, slow sync w/redeye reduction, flash off

**Flash X sync speed** 1/50 sec

**Continuous drive** 5.8 fps

**Self-timer** Yes (2 or 10 secs, 3-shot/10 sec)

- Multi

**Metering modes**

- Center-weighted

- Spot

**Exposure compensation** ±5 (at 1/3 EV steps)

**AE Bracketing** ±3 (3, 5, 7 frames at 1/3 EV, 2/3 EV, 1 EV steps)

**WB Bracketing** Yes (3 shots in blue/amber and magenta/green axes)

**Videography features**

**Resolutions** 1920 x 1080 (60p, 60i, 50p, 50i, 30p, 25p, 24p), 1280 x 720 (30p, 25p), 640 x 480 (30p, 25p)

**Format** MPEG-4, AVCHD

**Videography notes** 24p only available with AVCHD

**Microphone** Stereo

**Speaker** Mono

#### **Storage**

**Storage types** SD/SDHC/SDXC card

#### **Connectivity**

**USB** USB 2.0 (480 Mbit/sec)

**HDMI** Yes (micro-HDMI)

**Microphone port** No

**Headphone port** No

**Wireless** Built-In

**Wireless notes** 802.11b/g/n with NFC

**Remote control** Yes (wired, via smartphone)

#### **Physical**

**Environmentally sealed** No

**Battery** Battery Pack

**Battery description** Lithium-ion battery & charger

**Battery Life (CIPA)** 230

**Weight (inc. batteries)** 266 g (0.59 lb / 9.38 oz)

**Dimensions** 107 x 65 x 33 mm (4.21 x 2.56 x 1.3")

#### **Other features**

**Orientation sensor** Yes

**GPS** None

Also see - <http://thenewcamera.com/>