

# Camera Comparison Table: OM1 vs PEN F vs Nikon P1100 vs Canon 5D vs iPhone 17 Pro

Spec / Feature	OM SYSTEM OM1	Olympus PEN F	Nikon COOLPIX P1100	Canon EOS 5D	Apple iPhone 17 Pro
Sensor	20.4MP Stacked BSI Live MOS (MFT)	20.3MP Live MOS (MFT)	16MP 1/2.3" CMOS	12.8MP Full-frame CMOS	48MP main + 12MP ultra-wide + 12MP telephoto (Triple camera)
Max image size	5184x3888	5184x3888	4608x3456	4368x2912	8064x6048 (main sensor)
ISO range	200–25,600 (exp. 80–102,400)	200–25,600 (exp. 80)	100–6400	100–1600 (exp. 50–3200)	Auto ISO 32–6400 equivalent
Autofocus	1,053pt Phase Detect + AI	81pt Contrast	Contrast AF	9pt Phase Detect	Dual-pixel PDAF with LiDAR & subject tracking
Continuous shooting	10–120fps	10–20fps	7fps	3fps	Up to 60fps burst (Smart HDR6)
Shutter speed	1/32,000–60s	1/16,000–60s	1/4000–15s	1/8000–30s	Electronic only (~1/8000s limit)
Image stabilization	5-axis IBIS (8EV)	5-axis IBIS	Lens OIS	None	Sensor-shift OIS (main) + lens OIS (telephoto)
Video	4K / C4K / FHD 240fps	Full-HD 1080p	4K UHD / FHD 60p	None	4K 60fps ProRes / HDR / Dolby Vision
Viewfinder	5.76M-dot OLED EVF	2.36M-dot OLED EVF	2.36M-dot EVF	Optical pentaprism	OLED touchscreen (no EVF)
Monitor	3" Vari-angle Touch	3" Vari-angle Touch	3.2" Vari-angle LCD	2.5" Fixed LCD	6.3" OLED Super Retina XDR display
Lens / Mount	Micro Four Thirds	Micro Four Thirds	Fixed 24–3000mm eq.	Canon EF Mount	Fixed multi-lens system (13–120mm eq.)
Storage	Dual SD UHS-II	SD/SDHC/SDXC	SD/SDHC/SDXC	CompactFlash	1TB max internal (no external slot)
Size (mm)	134.8x91.6x72.7	124.8x72.1x37.3	146x119x181	152x113x75	146.6x70.6x8.3
Weight	599g	373g	1410g	810g	198g
Weather sealing	Yes (IP53)	No	Limited	None	Yes (IP68)
High-res mode	50MP equiv.	50MP equiv.	No	No	48MP ProRAW mode
Launch / Release	2022	2016	2025	2005	2025
Strengths	Rugged, modern AF, 4K	Stylish, compact, quality stills	Extreme zoom, all-in-one	Full-frame IQ, lens options	Computational imaging, 4K video, portability
Weaknesses	Smaller sensor vs FF	No 4K, older AF	Small sensor, bulky	Old tech, slow fps	Limited manual control, fixed lenses