

Z series

THE NIKON Z MIRRORLESS CAMERA SERIES



Z 7II



Z 7



Z 6II



Z 6



Z 5



Z 50

Image sensor	Nikon FX-format CMOS sensor (backside illumination)	Nikon FX-format CMOS sensor (backside illumination)	Nikon FX-format CMOS sensor (backside illumination)	Nikon FX-format CMOS sensor (backside illumination)	Nikon FX-format CMOS sensor	Nikon DX-format CMOS sensor
Effective pixels	45.7 million	45.7 million	24.5 million	24.5 million	24.3 million	20.9 million
Image-processing engine	Dual EXPEED 6	EXPEED 6	Dual EXPEED 6	EXPEED 6	EXPEED 6	EXPEED 6
ISO sensitivity	64 to 25600 (expandable to 32-102400)	64 to 25600 (expandable to 32-102400)	100 to 51200 (expandable to 50-204800)	100 to 51200 (expandable to 50-204800)	100 to 51200 (expandable to 50-102400)	100 to 51200 (expandable to 204800)
Metering	TTL metering using image sensor	TTL metering using image sensor	TTL metering using image sensor	TTL metering using image sensor	TTL metering using image sensor	TTL metering using image sensor
Maximum AF points	493 points (Hybrid phase-detection/contrast AF, FX, single-point AF)	493 points (Hybrid phase-detection/contrast AF, FX, single-point AF)	273 points (Hybrid phase-detection/contrast AF, FX, single-point AF)	273 points (Hybrid phase-detection/contrast AF, FX, single-point AF)	209 points (Hybrid phase-detection/contrast AF, FX, single-point AF)	209 points (Hybrid phase-detection/contrast AF, DX, single-point AF)
Focus peaking	Yes	Yes	Yes	Yes	Yes	Yes
Approximate maximum frame advance rate	10 fps	9 fps	14 fps	12 fps	4.5 fps	11 fps
Number of shots in continuous shooting (RAW, size L)	77 (12-bit lossless compressed)	23 (12-bit lossless compressed)	124 (12-bit lossless compressed)	35 (12-bit lossless compressed)	100 (12-bit lossless compressed)	35 (12-bit)
Shutter speed	1/8000 to 30 s (extendable to 900 s in mode M)	1/8000 to 30 s	1/8000 to 30 s (extendable to 900 s in mode M)	1/8000 to 30 s	1/8000 to 30 s	1/4000 to 30 s
Camera in-built VR (vibration reduction)	5-axis image sensor shift	5-axis image sensor shift	5-axis image sensor shift	5-axis image sensor shift	5-axis image sensor shift	—
Lens in-built VR	Lens shift (available with VR lenses)	Lens shift (available with VR lenses)	Lens shift (available with VR lenses)	Lens shift (available with VR lenses)	Lens shift (available with VR lenses)	Lens shift (available with VR lenses)
Monitor	Tilting, touch-sensitive, 8-cm (3.2-in.), approx. 2100k-dot TFT	Tilting, touch-sensitive, 8-cm (3.2-in.), approx. 2100k-dot TFT	Tilting, touch-sensitive, 8-cm (3.2-in.), approx. 2100k-dot TFT	Tilting, touch-sensitive, 8-cm (3.2-in.), approx. 2100k-dot TFT	Tilting, touch-sensitive, 8-cm (3.2-in.), approx. 1040k-dot TFT	Tilting, touch-sensitive, 8-cm (3.2-in.), approx. 1040k-dot TFT
Viewfinder	Approx. 100% frame coverage, approx. 0.8× magnification*1 Quad-VGA, approx. 3690k-dot EVF	Approx. 100% frame coverage, approx. 0.8× magnification*1 Quad-VGA, approx. 3690k-dot EVF	Approx. 100% frame coverage, approx. 0.8× magnification*1 Quad-VGA, approx. 3690k-dot EVF	Approx. 100% frame coverage, approx. 0.8× magnification*1 Quad-VGA, approx. 3690k-dot EVF	Approx. 100% frame coverage, approx. 0.8× magnification*1 Quad-VGA, approx. 3690k-dot EVF	Approx. 100% frame coverage, approx. 1.02× magnification*1 XGA, approx. 2360k-dot EVF
Wireless	Built-in Wi-Fi®/Bluetooth® (SnapBridge), WT-7A supported	Built-in Wi-Fi®/Bluetooth® (SnapBridge), WT-7A supported	Built-in Wi-Fi®/Bluetooth® (SnapBridge), WT-7A supported	Built-in Wi-Fi®/Bluetooth® (SnapBridge), WT-7A supported	Built-in Wi-Fi®/Bluetooth® (SnapBridge), WT-7A supported	Built-in Wi-Fi®/Bluetooth® (SnapBridge), WT-7A supported
Videos	4K UHD/60p, Full HD/120p, N-Log (HDMI 10-bit output), HDR (HLG) output	4K UHD/30p, Full HD/120p, N-Log (HDMI 10-bit output)	4K UHD/60p*, Full HD/120p, N-Log (HDMI 10-bit output), HDR (HLG) output	4K UHD/30p, Full HD/120p, N-Log (HDMI 10-bit output)	4K UHD/30p, Full HD/60p	4K UHD/30p, Full HD/120p
Time-lapse photography	Up to 4K UHD with exposure smoothing and silent mode supported	Up to 4K UHD with exposure smoothing and silent mode supported	Up to 4K UHD with exposure smoothing and silent mode supported	Up to 4K UHD with exposure smoothing and silent mode supported	Up to 4K UHD with exposure smoothing and silent mode supported	Up to 4K UHD with exposure smoothing and silent mode supported
Silent photography	Yes	Yes	Yes	Yes	Yes	Yes
Media slots	Dual (CFexpress Type B/XQD and SD/UHS-II compliant SDHC and SDXC)	Single (CFexpress Type B/XQD)	Dual (CFexpress Type B/XQD and SD/UHS-II compliant SDHC and SDXC)	Single (CFexpress Type B/XQD)	Double (SD/UHS-II compliant SDHC and SDXC)	Single (SD/UHS-II compliant SDHC and SDXC)
Battery life <small>(Based on CIPA Standards)</small>	Viewfinder only: 380 shots Monitor only: 440 shots [Energy saving (photo mode)]	Viewfinder only: 330 shots Monitor only: 400 shots	Viewfinder only: 400 shots Monitor only: 450 shots [Energy saving (photo mode)]	Viewfinder only: 310 shots Monitor only: 380 shots	Viewfinder only: 390 shots Monitor only: 470 shots	Viewfinder only: 280 shots Monitor only: 320 shots
Dimensions (W × H × D)	Approx. 134 × 100.5 × 69.5 mm (5.3 × 4 × 2.8 in.)	Approx. 134 × 100.5 × 67.5 mm (5.3 × 4 × 2.7 in.)	Approx. 134 × 100.5 × 69.5 mm (5.3 × 4 × 2.8 in.)	Approx. 134 × 100.5 × 67.5 mm (5.3 × 4 × 2.7 in.)	Approx. 134 × 100.5 × 69.5 mm (5.3 × 4 × 2.8 in.)	Approx. 126.5 × 93.5 × 60 mm (5 × 3.7 × 2.4 in.)
Weight*3	Approx. 705 g (1 lb 8.9 oz)	Approx. 675 g (1 lb 7.9 oz)	Approx. 705 g (1 lb 8.9 oz)	Approx. 675 g (1 lb 7.9 oz)	Approx. 675 g (1 lb 7.9 oz)	Approx. 450 g (15.9 oz)

1 50 mm lens at infinity, -1.0 m. *2 Available with firmware ver. L10 or later. *3 With battery and memory card but without body cap.

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