

Brand	Type	Lens	FL (mm)	Aperture	Category	MFD (m)	Filter (mm)	Length (mm)	Length (in.)	Weight (g)	Weight (oz)	WR [1]	VR?	Price (new)	Amazon rating	Executive summary (TL;DR) [2]
Rokinon	MF	12mm F2.8 ED UMC Fisheye	12	2.8	Prime (fisheye)	0.20	-	70.1	2.8	500	17.6			\$500	4.4	Great value fisheye; watch out for underexposure
Rokinon	MF	14mm F2.8 IF ED UMC	14	2.8	Prime (wide)	0.27	-	93.6	3.7	530	18.7			\$350	4.3	Lots of sample variation, great if you get a good one
Nikon	PC	19mm F4 E ED Tilt-Shift	19	4	Prime (wide)	0.25	-	124.0	4.9	885	31.2			\$3,400	5	Legendary glass; one of the best architecture lenses ever made, MF only
Nikon	AF-S	20mm F1.8 G ED	20	1.8	Prime (wide)	0.20	77	80.5	3.2	355	12.5	YES		\$800	4.5	Very sharp, great for astrophotography, good value
Nikon	AF-S	24mm F1.4 G ED	24	1.4	Prime (wide)	0.25	77	88.5	3.5	620	21.9	YES		\$2,000	4.2	Creamy bokeh, great in low light, pro-grade wide lens
Nikon	AF-S	24mm F1.8 G ED	24	1.8	Prime (wide)	0.23	72	83.0	3.3	355	12.5	YES		\$750	4.4	Very sharp, get this unless you absolutely need F1.4
Zeiss	MF	28mm F1.4 ZF.2 Otus	28	1.4	Prime (wide)	0.30	95	135.0	5.3	1350	47.6			\$5,000	5	For those that demand the very best optics at 28mm (MF only)
Nikon	AF-S	28mm F1.4 E ED	28	1.4	Prime (wide)	0.28	77	100.5	4.0	645	22.8			\$2,000	5	Stellar, no-compromises 28mm prime
Nikon	AF-S	28mm F1.8 G	28	1.8	Prime (wide)	0.25	67	80.5	3.2	330	11.6	YES		\$700	4.4	Great lightweight 28mm alternative; reports of backfocus issues
Nikon	AF-S	35mm F1.4 G	35	1.4	Prime (wide)	0.30	67	89.5	3.5	600	21.2	YES		\$1,700	4.5	Very good, but watch for barrel distortion, vignetting, and CA
Tamron	SP	35mm F1.4 Di USD	35	1.4	Prime (wide)	0.30	72	102.3	4.0	805	28.4	YES		\$700	4.7	Exceptional optics. Very sharp. Fast AF. One of the best 35mm lenses out there
Sigma	AF	35mm F1.4 DG HSM Art	35	1.4	Prime (wide)	0.30	67	94.0	3.7	665	23.5			\$900	4.1	A favorite of portrait/wedding photogs; some samples require AF calibration
Nikon	AF-S	35mm F1.8 G ED	35	1.8	Prime (wide)	0.25	58	72	2.8	305	10.8	YES		\$530	4.7	High quality in a small and light package, great for low light
Tamron	SP	35mm F1.8 Di VC USD	35	1.8	Prime (wide)	0.20	67	79	3.1	451	15.9	YES	YES	\$600	4.5	Solid 35mm with VC and weather sealed; great for video
Nikon	AF	35mm F2 D	35	2	Prime (wide)	0.25	52	45	1.8	205	7.2			-	4.1	Noisier AF than modern primes, but great rendition/tonality. Super compact
Voigtlander	MF	40mm F2 Ultron SL II S	40	2	Prime (normal)	0.25	52	38	1.5	260	9.2			\$490	3.7	For fans of 40mm, an absolutely great lens. Very sharp and absolutely tiny. MF only
Tamron	SP	45mm F1.8 Di VC USD	45	1.8	Prime (normal)	0.29	67	89	3.5	499	17.6	YES	YES	-	4.2	Very sharp, good colors; some report issues with AF and unreliable VC
Sigma	AF	50mm F1.4 DG HSM Art	50	1.4	Prime (normal)	0.40	77	100	3.9	815	28.7			\$950	4.4	Very sharp and great contrast... if you can calibrate AF properly (read reviews first!)
Nikon	AF-S	50mm F1.4 G	50	1.4	Prime (normal)	0.45	58	54	2.1	280	9.9	YES		\$450	4.5	All-around solid performer; some report it focuses slower than previous 1.4D
Nikon	AF-S	50mm F1.8 G	50	1.8	Prime (normal)	0.45	58	53	2.1	185	6.5	YES		\$220	4.8	Sharp, fast AF, many even prefer it to 50mm 1.4G. Great tele/portrait lens for DX
Zeiss	MF	55mm F1.4 Otus Distagon	55	1.4	Prime (normal)	0.50	77	141	5.6	970	34.2			\$4,000	3.8	Bulky, but perhaps the best normal lens money can buy. An optical marvel. MF only
Nikon	AF-S	58mm F1.4 G	58	1.4	Prime (normal)	0.58	72	70	2.8	385	13.6	YES		\$1,600	4.8	"Love it or hate it" lens. Ideal for portrait pros (not sharpest, but great bokeh/character)
Voigtlander	MF	58mm F1.4 Nokton SL II S	58	1.4	Prime (normal)	0.45	52	46	1.8	320	11.3			\$600	4.8	Beautiful bokeh, sharp, a favorite of portrait photographers. Manual focus (MF) only
Nikon	AF-S	60mm F2.8 G ED Micro	60	2.8	Prime (normal)	0.19	62	89	3.5	425	15.0	YES		-	4.6	Amazing value lens: great for macro, normal, portraits (esp. on DX). 1:1 max repro
Nikon	AF	60mm F2.8 D Micro	60	2.8	Prime (normal)	0.22	62	75	2.9	440	15.5			-	4.5	Older version of 2.8G; just as versatile, slower AF. Solid construction. 1:1 max repro
Zeiss	MF	85mm F1.4 Otus Apo Planar	85	1.4	Prime (telephoto)	0.80	86	122	4.8	1140	40.2			\$4,500	5	The ultimate 85mm: a beast of a lens for those who want the very best. MF only
Nikon	AF-S	85mm F1.4 G	85	1.4	Prime (telephoto)	0.85	77	84	3.3	595	21.0	YES		\$1,600	4.6	Exceptional 85mm, a favorite of portrait / wedding photographers
Nikon	AF-S	85mm F1.8 G	85	1.8	Prime (telephoto)	0.80	67	73	2.9	350	12.3	YES		\$480	4.7	Pro portrait lens on a budget (great bokeh, super sharp). Amazing value
Tamron	SP	90mm F2.8 Di Macro 1:1 VC	90	2.8	Prime (telephoto)	0.30	62	115	4.5	600	21.2	YES		-	4.7	A very capable macro lens, sharp, great bokeh. 1:1 max reproduction ratio
Tokina	AF	100mm F2.8 AT-X Macro	100	2.8	Prime (telephoto)	0.30	55	95	3.7	540	19.0			-	4.3	Underrated bargain lens for FX. Great macro and portraits. Solid construction.
Nikon	AF-S	105mm F1.4 E ED	105	1.4	Prime (telephoto)	1.00	82	106	4.2	985	34.7			\$2,100	4.4	Considered by many to be the best portrait lens Nikon makes. Exceptional optics.
Nikon	AF	105mm F2 D DC-NIKKOR	105	2	Prime (telephoto)	0.90	72	111	4.4	620	21.9			-	4.4	Essentially designed for portraits with the defocus control feature. Solid construction/optics
Nikon	AF-S	105mm F2.8 G Micro VR	105	2.8	Prime (telephoto)	0.31	62	116	4.6	750	26.5	YES	YES	\$900	4.6	Amazing macro lens (double duty as portrait lens). Great for product / food / insects
Sigma	AF	135mm F1.8 DG HSM Art	135	1.8	Prime (telephoto)	0.88	82	115	4.5	1130	39.9	YES		\$1,400	4.8	Very, very sharp wide open. A cult favorite of portrait photographers
Nikon	AF	135mm F2 D DC-NIKKOR	135	2	Prime (telephoto)	1.10	72	120	4.7	815	28.7			-	4.4	An old school Nikon portrait legend. Sharp, with great bokeh
Zeiss	MF	135mm F2 ZF.2 Milvus	135	2	Prime (telephoto)	0.80	77	114	4.5	1059	37.4			\$2,275	4.5	Top quality 135mm for slow-moving or still subjects (MF only). Great rendition, colors
Nikon	AF	180mm F2.8 D ED	180	2.8	Prime (telephoto)	1.50	72	144	5.7	760	26.8			-	5	Underrated bargain medium telephoto. Great color and bokeh. Available used for much less
Nikon	AF-S	200mm F2 G ED VR II	200	2	Prime (telephoto)	1.90	52 (drop-in)	204	8.0	2900	102.3	YES	YES	\$5,700	5	Heavy, bulky, unwieldy. And possibly the best 200mm out there. Removable, rotating collar
Nikon	AF	200mm F4 D ED Micro	200	4	Prime (telephoto)	0.49	62	193	7.6	1185	41.8			-	4.8	Heavy duty macro performer. Perfect for insects (double duty as a general telephoto)
Nikon	AF-S	300mm F2.8 G ED VR II	300	2.8	Prime (telephoto)	2.20	52 (drop-in)	268	10.5	2900	102.3	YES	YES	\$5,500	4.5	If you're after the best 300mm on the market, this is it.
Nikon	AF-S	300mm F4 E PF ED VR	300	4	Prime (telephoto)	1.40	77	148	5.8	755	26.6	YES	YES	\$3,000	5	Great optics, cost/weight savings over 2.8G. Some have reported VR inconsistencies
Nikon	AF-S	300mm F4 D IF-ED	300	4	Prime (telephoto)	1.45	77	223	8.8	1440	50.8			\$1,500	4.3	Great bargain at used prices. Sharp, great construction, but no VR and a bit slower AF
Nikon	AF-S	400mm F2.8 E FL ED VR	400	2.8	Prime (super telephoto)	2.60	40.5 (drop-in)	358	14.1	3800	134.0	YES	YES	\$11,200	5	Exceptional optics with and without TC. A favorite for birding and wildlife
Nikon	AF-S	500mm F4 E FL ED VR	500	4	Prime (super telephoto)	3.60	40.5 (drop-in)	387	15.2	3090	109.0	YES	YES	\$10,300	5	Exceptional optics with and without TC. A favorite for birding and wildlife (even handheld)
Nikon	AF-S	500mm F5.6 E PF ED VR	500	5.6	Prime (super telephoto)	3.00	95	237	9.3	1460	51.5	YES	YES	\$3,600	4.4	Superb optics/performance and massive cost/weight/size savings to boot. A+
Nikon	AF-S	600mm F4 E FL ED VR	600	4	Prime (super telephoto)	4.40	40.5 (drop-in)	432	17.0	3810	134.4	YES	YES	\$12,300	-	Exceptional lens for wildlife or sports
Nikon	AF-S	800mm F5.6 E FL ED VR	800	5.6	Prime (super telephoto)	5.9/5.8	52 (drop-in)	461	18.1	4590	161.9	YES	YES	\$16,300	-	Exceptional lens for wildlife or sports

Brand	Type	Lens	Min. FL	Max. FL	Min. Aperture	Max. Aperture	Category	MFD (m)	Filter (mm)	Length (mm)	Length (in.)	Weight (g)	Weight (oz)	WR [3]	VR?	Price (new)	Amazon rating	Executive summary (TL;DR) [4]
Nikon	AF-S	8-15mm F3.5-4.5 E ED Fisheye	8	15	3.5	4.5	Zoom (fisheye)	0.16	-	83	3.3	485	17.1			\$1,250	4.6	Lots of fun, very versatile, great construction and optics
Nikon	AF-S	14-24mm F2.8 G ED	14	24	2.8	2.8	Zoom (wide)	0.28	-	132	5.2	970	34.2	YES		\$1,750	4.5	#1 of the Nikon "Holy Trinity" lenses. Legendary wide angle
Tamron	SP	15-30mm F2.8 Di VC USD	15	30	2.8	2.8	Zoom (wide)	0.28	-	143	5.6	1100	38.8		YES	-	4.5	Gives the 14-24 a run for its money for 2/3rds of the price. Sample variation
Tamron	SP	15-30mm F2.8 Di VC USD G2	15	30	2.8	2.8	Zoom (wide)	0.28	-	143	5.6	1100	38.8	YES	YES	\$1,300	4.1	Even better than G1. Great optics, sharp, excellent contrast. Sample variation
Tokina	AF	16-28mm F2.8 Opera	16	28	2.8	2.8	Zoom (wide)	0.28	-	134	5.3	940	33.2			\$700	4.3	Great bargain - decent optics, sharp. Good for astro and sunstars.
Nikon	AF-S	16-35mm F4 G ED VR	16	35	4	4	Zoom (wide)	0.29	77	125	4.9	680	24.0	YES	YES	\$1,100	4.4	Great optics at a good price; watch for corner sharpness (or lack of)
Tamron	AF	17-35mm F2.8-4 Di OSD	17	35	2.8	4	Zoom (wide)	0.28	77	90	3.5	459	16.2	YES		-	4.4	Light and very sharp, with minimal CA/flaring. Some distortion (easily correctable)
Tokina	AF	17-35mm F4 atx-i	17	35	2.8	4	Zoom (wide)	0.28	82	95	3.7	569	20.1			\$600	-	New release, weather sealed
Nikon	AF-S	18-35mm F3.5-4.5 G ED	18	35	3.5	4.5	Zoom (wide)	0.28	77	95	3.7	385	13.6	YES		-	4.4	A true Nikon FX bargain. Lightweight, sharp, versatile - great for travel
Sigma	AF	24-35mm F2 DG HSM Art	24	35	2	2	Zoom (wide)	0.28	82	123	4.8	940	33.2			-	4.3	Optically decent "prime replacement" for 24/28/35mm. Focus calib. often required
Nikon	AF-S	24-70mm F2.8 G ED	24	70	2.8	2.8	Zoom (standard)	0.38	77	133	5.2	900	31.7	YES		\$1,600	4.6	#2 of the "Holy Trinity". This is the older (non-VR) version, and many prefer it
Nikon	AF-S	24-70mm F2.8 E ED VR	24	70	2.8	2.8	Zoom (standard)	0.38	82	155	6.1	1070	37.7	YES	YES	\$2,100	4.4	The newer/bigger/heavier version (only get this if you absolutely need VR)
Tamron	SP	24-70mm F2.8 Di VC USD G2	24	70	2.8	2.8	Zoom (standard)	0.38	82	109	4.3	899	31.7	YES	YES	\$1,200	4	A budget alternative to Nikon's 24-70. Not as good, but cheaper/smaller/lighter
Tokina	AF	24-70mm F2.8 AT-X PRO	24	70	2.8	2.8	Zoom (standard)	0.38	82	108	4.2	1000	35.3			-	3.8	Sharper, better contrast than the Tamron 24-70mm (just doesn't have VC)
Sigma	AF	24-70mm F2.8 DG OS HSM Art	24	70	2.8	2.8	Zoom (standard)	0.37	82	108	4.2	1020	36.0	YES	YES	\$1,300	4.5	Excellent lens... if you can get a good copy. High sample variation (focus issues)
Nikon	AF-S	24-85mm F3.5-4.5 G ED VR	24	85	3.5	4.5	Zoom (standard)	0.38	72	73	2.9	465	16.4	YES	YES	\$500	4.5	A real bargain, sharp and light. Great travel/general lens (available for \$250 used)
Sigma	AF	24-105mm F4 DG OS HSM Art	24	105	4	4	Zoom (standard)	0.45	82	109	4.3	885	31.2	YES	YES	\$900	5	Another winner by Sigma, arguably even better than Nikon's 24-120mm F4
Nikon	AF-S	24-120mm F4 G ED VR	24	120	4	4	Zoom (standard)	0.45	77	104	4.1	710	25.0	YES	YES	\$1,100	4.4	Very versatile zoom, lots of sample variation; massive savings if bought used
Tamron	AF	28-75mm F2.8 XR Di	28	75	2.80	2.80	Zoom (standard)	0.33	67	92	3.6	508	17.9			-	4.2	Dated design, but worth considering as a decent budget zoom (only \$150 used!)
Nikon	AF-S	28-300mm F3.5-5.6 G ED VR	28	300	3.5	5.6	Zoom (all in one)	0.50	77	115	4.5	800	28.2	YES	YES	-	4.5	Surprisingly solid performer given the range, "Swiss Army knife" lens for FX
Tamron	AF	35-150mm F2.8-4 Di VC OSD	35	150	2.8	4	Zoom (telephoto)	0.45	77	124	4.9	790	27.9	YES	YES	-	4.7	Bit slow to focus, but otherwise excellent walkaround/general zoom. A bargain!
Nikon	AF-S	70-200mm F2.8 E FL ED VR	70	200	2.8	2.8	Zoom (telephoto)	1.10	77	203	8.0	1430	50.4	YES	YES	\$2,350	4.6	Exemplary performance, colors, bokeh, focusing. The ultimate 70-200 for FX
Tamron	SP	70-200mm F2.8 Di VC USD G2	70	200	2.8	2.8	Zoom (telephoto)	0.95	77	191	7.5	1490	52.6	YES	YES	\$1,300	4.6	Great performance and considerable price/weight savings vs. Nikon's 70-200
Nikon	AF-S	70-200mm F4 G ED VR	70	200	4	4	Zoom (telephoto)	1.00	67	179	7.0	850	30.0	YES	YES	\$1,400	3.9	Superb optics, excellent performance, a bargain when bought used
Tamron	AF	70-210mm F4 Di VC USD	70	210	4	4	Zoom (telephoto)	0.95	67	173	6.8	850	30.0	YES	YES	-	4.4	Great lens for the money. Sharp and fast to focus. Much lighter/cheaper than F2.8!
Tamron	SP	70-300mm F4-5.6 Di VC USD	70	300	4	5.6	Zoom (telephoto)	0.95	62	150	5.9	765	27.0		YES	-	4.1	Affordable and reliable alternative to other telephoto options. Nikon AF-P is better
Nikon	AF-P	70-300mm F4.5-5.6 E ED VR	70	300	4.5	5.6	Zoom (telephoto)	1.20	67	146	5.7	680	24.0		YES	\$600	4.5	Excellent optics in a light & affordable package; watch out for sample variation
Nikon	AF	80-200mm F2.8 D ED (two ring)	80	200	2.8	2.8	Zoom (telephoto)	1.50	77	187	7.4	1300	45.9			-	4.2	Pro optics at huge cost savings (\$250 used!) Older push/pull version is great too
Nikon	AF-S	80-400mm F4.5-5.6 G ED VR	80	400	4.5	5.6	Zoom (super tele)	1.75	77	203	8.0	1570	55.4	YES	YES	\$2,300	4.5	Great optics, but performance can degrade over time as dust accumulates
Tamron	AF	100-400mm F4.5-6.3 Di VC USD	100	400	4.5	6.3	Zoom (super tele)	1.50	67	197	7.7	1115	39.3	YES	YES	\$800	4.3	Excellent lens when calibrated properly (test it first). Sharp and lightweight
Sigma	AF	100-400mm F5-6.3 DG OS HSM	100	400	5	6.3	Zoom (super tele)	1.60	67	182	7.2	1160	40.9		YES	\$800	4.3	Same story as Tamron lens above (goes toe to toe). Great optics, fast AF, sharp!
Nikon	AF-S	120-300mm F2.8 E FL ED SR VR	120	300	2.8	2.8	Zoom (telephoto)	2.00	112	304	11.9	3250	114.6	YES	YES	\$9,500	5	Legendary optics and build. Expensive, but delivers great results for sports/action
Nikon	AF-S	180-400mm F4 E TC1.4 FL ED VR	180	400	4	4	Zoom (super tele)	2.00	rear (40.5)	363	14.3	3500	123.5	YES	YES	\$12,400	5	One of the best zoom lenses ever made. Bulky and expensive, but truly superb
Nikon	AF-S	200-500mm F5.6 E ED VR	200	500	5.6	5.6	Zoom (super tele)	2.20	95	268	10.5	2300	81.1	YES	YES	\$1,400	4.7	AMAZING bargain for sports, birding and general wildlife. Great optics and fast AF
Sigma	AF	60-600mm F4.5-6.3 OS HSM Sports	60	600	4.5	6.3	Zoom (super tele)	0.60	105	269	10.6	2700	95.2	YES	YES	\$2,000	4.9	Excellent optics, and truly insane range. Just make sure you get a good sample!
Tamron	SP	150-600mm F5-6.3 Di VC USD	150	600	5	6.3	Zoom (super tele)	2.70	95	258	10.1	1950	68.8	YES	YES	-	4.4	Great performance for the price; make sure you get a good copy (test it first!)
Tamron	SP	150-600mm f/5-6.3 Di VC USD G2	150	600	5	6.3	Zoom (super tele)	2.20	95	258	10.1	1990	70.2	YES	YES	\$1,400	4.3	Newest version of Tamron's 150-600mm, great performance (even better than G1)
Sigma	AF	150-600mm F5-6.3 OS Contemporary	150	600	5	6.3	Zoom (super tele)	2.80	95	260	10.2	1830	64.6		YES	\$1,090	4.7	Excellent optics (sharper than Tamron's 150-600mm). Good build quality
Sigma	AF	150-600mm F5-6.3 OS Sports	150	600	5	6.3	Zoom (super tele)	2.60	105	290	11.4	2860	100.9	YES	YES	\$2,000	4.3	Very sharp, good AF speed, but heavy! May need focus calibration (w/ USB dock)

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Opteka	MF	6.5mm F3.5 Fisheye	9.8	6.5	6.5	3.5	3.5	Prime (fisheye)	0.30	-	?	?	414	14.6			\$180	-	
Nikon	AF	10.5mm F2.8G ED Fisheye	16	10.5	10.5	2.8	2.8	Prime (fisheye)	0.14	rear	63	2.46	305	10.8			-	4.4	Lots of fun (also a popular lens for FX shooters)
Nikon	AF-S	35mm F1.8 G (DX)	53	35	35	1.8	1.8	Prime (standard)	0.30	52	53	2.07	200	7.1	YES		\$200	4.7	Fast, sharp, and light Nifty Fifty on DX bodies. Somewhat slow AF
Nikon	AF-S	40mm F2.8 G Micro	60	40	40	2.8	2.8	Prime (standard)	0.16	52	69	2.70	235	8.3	YES	YES	\$280	4.8	Get the 35mm instead unless you need closer focus (1:1 max repro)
Nikon	AF-S	85mm F3.5 G Micro VR	128	85	85	3.5	3.5	Prime (telephoto)	0.29	52	99	3.88	355	12.5	YES	YES	\$560	4.2	Underrated lens - great for macro work (1:1 max repro)
Nikon	AF-P	10-20mm F4.5-5.6 G IF VR	15-30	10	20	4.5	5.6	Zoom (wide)	0.22	72	73	2.87	230	8.1		YES	\$307	4.6	Solid performer at a low price
Nikon	AF-S	10-24mm F3.5-4.5 G ED	15-36	10	24	3.5	4.5	Zoom (wide)	0.24	77	87	3.43	460	16.2	YES		\$900	4.2	Great optics; make sure you stop down at 10mm for best performance
Tokina	AF	11-16mm F2.8 AT-X PRO DX-II	17-24	11	16	2.8	2.8	Zoom (wide)	0.30	77	89	3.51	550	19.4			-	4.9	Great value. A popular wide zoom for a reason. Some sample variation
Tokina	AF	11-16mm F2.8 CF atx-i	17-24	11	16	2.8	2.8	Zoom (wide)	0.30	77	89	3.51	555	19.6			\$450	-	Updated design, you could go for the older one too (still good)
Tokina	AF	11-20mm F2.8 PRO	17-30	11	20	2.8	2.8	Zoom (wide)	0.28	82	92	3.62	560	19.8			-	4.5	Great optical quality. A DX favorite (esp. if you need more reach than 11-16)
Tokina	AF	11-20mm F2.8 CF atx-i	17-30	11	20	2.8	2.8	Zoom (wide)	0.28	82	92	3.62	555	19.6			\$530	-	Updated design, you could go for the older one too (still good)
Nikon	AF-S	12-24mm F4 G ED	18-36	12	24	4	4	Zoom (wide)	0.30	77	90	3.54	465	16.4			\$1,150	4.4	Solid construction and performance, but not the best value
Nikon	AF-S	16-80mm F2.8-4 E ED VR	24-120	16	80	2.8	4	Zoom (standard)	0.35	72	86	3.37	480	16.9	YES	YES	-	4.1	One of the best zoom lenses for DX out there!
Nikon	AF-S	16-85mm F3.5-5.6 G ED VR	24-128	16	85	3.5	5.6	Zoom (standard)	0.38	67	85	3.35	487	17.2	YES	YES	-	4.3	Not as good as the 16-80, but great value (minty used for ~\$200)
Sigma	AF	17-50mm F2.8 EX DC OS HSM	26-75	17	50	2.8	2.8	Zoom (standard)	0.28	77	91	3.60	565	19.9	YES		-	4.5	Amazing bargain for DX, just make sure you get a good copy
Tamron	AF	17-50mm F2.8 Di II LD IF	26-75	17	50	2.8	2.8	Zoom (standard)	0.27	67	81	3.20	430	15.2			-	3.9	Average optics and performance. Lots of sample variation. A used bargain
Tamron	AF	17-50mm F2.8 XR Di-II VC LD IF	26-75	17	50	2.8	2.8	Zoom (standard)	0.29	72	94	3.70	570	20.1		YES	-	3.7	Good optics with decent bokeh. Stop it down past f/4 and it's plenty sharp
Nikon	AF-S	17-55mm F2.8 G IF-ED	26-83	17	55	2.8	2.8	Zoom (standard)	0.36	77	111	4.35	755	26.6	YES		\$1,500	4.5	Excellent optics, but consider the Sigma 17-50 to save \$ and weight
Sigma	AF	17-70mm F2.8-4 DC Macro OS HSM	26-105	17	70	2.8	4	Zoom (standard)	0.22	72	82	3.23	465	16.4		YES	-	4.4	Great optical quality and a handy macro capability too
Sigma	AF	18-35mm F1.8 DC HSM Art	27-53	18	35	1.8	1.8	Zoom (standard)	0.28	72	121	4.76	811	28.6			\$800	4.5	Exceptional optics at that focal range, but watch out for AF issues
Nikon	AF-S	18-55mm F3.5-5.6 G VR II	27-83	18	55	3.5	5.6	Zoom (standard)	0.28	55	66	2.60	195	6.9	YES		-	4.4	Great kit lens, but bested by the new AF-P 18-55mm. Under \$50 used
Nikon	AF-P	18-55mm F3.5-5.6 G VR	27-83	18	55	3.5	5.6	Zoom (standard)	0.25	55	65	2.54	205	7.2		YES	\$250	4.6	The best 18-55mm Nikon kit lens! Buy it used for \$45
Nikon	AF-S	18-70mm F3.5-4.5 G ED-IF	27-105	18	70	3.5	4.5	Zoom (standard)	0.38	67	76	2.97	390	13.8	YES		-	4.5	Available used for ~\$100
Nikon	AF-S	18-140mm F3.5-5.6 G ED VR	27-210	18	140	3.5	5.6	Zoom (all in one)	0.45	67	97	3.82	490	17.3	YES	YES	\$500	4.5	Does the job, but weaknesses become visible on 24MP+. Get it used
Nikon	AF-S	18-200mm F3.5-5.6 G ED VR II	27-300	18	200	3.5	5.6	Zoom (all in one)	0.50	72	97	3.80	565	19.9	YES	YES	\$650	4.5	Go for the 18-140mm instead
Tamron	AF	18-200mm F3.5-6.3 Di II VC	27-300	18	200	3.5	6.3	Zoom (all in one)	0.49	62	94	3.70	400	14.1	YES	YES	\$250	4.4	Go for the 18-140mm instead
Nikon	AF-S	18-300mm F3.5-6.3 G ED VR	27-450	18	300	3.5	6.3	Zoom (all in one)	0.48	67	99	3.90	550	19.4	YES	YES	-	4.3	Go for the 18-140mm instead
Sigma	AF	50-100mm F1.8 DC HSM Art	75-150	50	100	1.8	1.8	Zoom (telephoto)	0.95	82	171	6.72	1490	52.6			\$1,100	4.5	Amazing lens, fast and sharp (even wide open). Warning: heavy!
Nikon	AF-S	55-200mm F4-5.6 G ED VR II	83-300	55	200	4	5.6	Zoom (telephoto)	1.10	52	83	3.27	300	10.6		YES	-	4.6	Decent performance, does the job, optically better than 55-300
Nikon	AF-S	55-300mm F4.5-5.6 G ED VR	83-450	55	300	4.5	5.6	Zoom (telephoto)	1.40	58	123	4.84	530	18.7	YES	YES	-	4.6	Decent performance, does the job, better for wildlife (vs. 55-200mm)
Nikon	AF-P	70-300mm F4.5-6.3 G ED VR	105-450	70	300	4.5	6.3	Zoom (telephoto)	1.10	58	125	4.92	415	14.6	YES	YES	\$400	4.5	Superb telephoto lens (get the VR version!). Better than the two above

Brand	Type	Lens	FL (mm)	Min. Aperture	Category	MFD (m)	Filter (mm)	Length (mm)	Length (in.)	Weight (g)	Weight (oz)	VR	WR	New (\$)	Amazon (\$)	eBay (\$)	MPB	Notes [7]	Last Updated
Samyang	MF	14mm F2.8	14	2.8	Prime (ultrawide)	0.28	Rear Gelatin	124	4.9	810	28.6		YES	\$310	\$310	\$260	-		2/4/2024
Nikon	AF	20mm F1.8 S	20	1.8	Prime (ultrawide)	0.20	77	109	4.3	505	17.8		YES	\$1,049	\$1,046	\$800	\$849		2/2/2024
Viltrox	AF	20mm F1.8	20	1.8	Prime (ultrawide)	0.25	82	104	4.1	782	27.6			\$399	-	-	-		2/4/2024
Viltrox	AF	20mm F2.8	20	2.8	Prime (ultrawide)	0.19	52	60	2.3	157	5.5			\$145	\$158	\$156	-		2/2/2024
Nikon	AF	24mm F1.8 S	24	1.8	Prime (wide)	0.25	72	97	3.8	450	15.9		YES	\$1,000	\$996	\$650	\$794		2/2/2024
Viltrox	AF	24mm F1.8	24	1.80	Prime (wide)	0.30	55	87	3.4	370	13.1			\$379	\$379	\$320	-		2/2/2024
Nikon	AF	26mm F2.8	26	2.80	Prime (wide)	0.20	52	70	2.8	125	4.4		YES	\$500	\$496	\$420	\$444		2/2/2024
Viltrox	AF	28mm F1.8	28	1.80	Prime (wide)	0.37	55	88	3.5	367	12.9			\$379	\$379	\$359	-		2/4/2024
Nikon	AF	28mm F2.8	28	2.80	Prime (wide)	0.19	52	24	0.9	155	5.5			\$280	\$276	\$219	\$214		2/2/2024
Nikon	AF	35mm F1.8 S	35	1.8	Prime (wide)	0.25	62	86	3.4	370	13.1		YES	\$850	\$696	\$530	\$569		2/2/2024
Viltrox	AF	35mm F1.8	35	1.8	Prime (wide)	0.40	55	90	3.5	370	13.1			\$399	\$379	\$300	-		2/2/2024
Nikon	AF	40mm F2	40	2	Prime (normal)	0.29	52	46	1.8	170	6.0			\$300	\$277	\$220	\$224		2/2/2024
Nikon	AF	50mm F1.2 S	50	1.2	Prime (normal)	0.45	82	150	5.9	1090	38.4		YES	\$1,900	\$1,897	\$1,500	\$1,549		2/3/2024
Nikon	AF	50mm F1.8 S	50	1.8	Prime (normal)	0.40	62	87	3.4	415	14.6		YES	\$530	\$527	\$450	\$469		2/3/2024
Viltrox	AF	50mm F1.8	50	1.80	Prime (normal)	0.55	55	90	3.5	394	13.9			\$379	\$359	\$319	-		2/4/2024
Nikon	AF	50mm F2.8 Macro	50	2.80	Prime (normal)	0.16	46	66	2.6	260	9.2			\$650	\$647	\$450	\$509		2/3/2024
Nikon	MF	58mm F0.95 S Noct	58	0.95	Prime (normal)	0.50	82	153	6.0	2000	70.5		YES	\$8,000	\$7,997	\$7,000	-		2/3/2024
Nikon	AF	85mm F1.2 S	85	1.2	Prime (telephoto)	0.85	82	142	5.6	1160	40.9		YES	\$2,600	\$2,597	\$2,200	\$2,629		2/4/2024
Samyang	MF	85mm F1.4	85	1.4	Prime (telephoto)	1.00	72	103	4.1	740	26.1		YES	\$399	\$399	\$280	-		2/4/2024
Meike	AF	85mm F1.8	85	1.8	Prime (telephoto)	0.85	67	95	3.7	386	13.6			\$200	\$200	\$185	-		2/4/2024
Nikon	AF	85mm F1.8 S	85	1.8	Prime (telephoto)	0.80	67	99	3.9	470	16.6		YES	\$800	\$697	\$550	\$574		2/4/2024
Viltrox	AF	85mm F1.8	85	1.8	Prime (telephoto)	0.80	72	92	3.6	540	19.0			\$400	\$399	\$280	-		2/4/2024
Yongnuo	AF	85mm F1.8Z DF DSM	85	1.8	Prime (telephoto)	0.80	58	88	3.5	346	12.2			\$323	\$379	-	-		2/4/2024
Nikon	AF	105mm F2.8 Macro VR S	105	2.8	Prime (telephoto)	0.29	62	140	5.5	630	22.2	YES		\$950	\$947	\$787	\$849		2/4/2024
Nikon	AF	135mm F1.8 S Plena	135	1.8	Prime (telephoto)	0.82	82	140	5.5	995	35.1		YES	\$2,500	\$2,497	\$2,418	-		2/4/2024
Nikon	AF	400mm F2.8 TC VR S	400 / 560	2.8 / 4	Prime (super tele)	2.50	46 (drop-in)	380	15.0	2950	104.1	YES	YES	\$14,000	\$13,997	\$12,855	-	Built-in 1.4x TC. Becomes a 560mm F4	2/4/2024
Nikon	AF	400mm F4.5 VR S	400	4.5	Prime (super tele)	2.50	95	235	9.2	1245	43.9	YES	YES	\$3,000	\$2,997	\$2,347	\$2,499		2/4/2024
Nikon	AF	600mm F4 TC VR S	600 / 840	4 / 5.6	Prime (super tele)	4.30	46 (drop-in)	437	17.2	3260	115.0	YES	YES	\$15,500	\$15,497	\$12,765	-	Built-in 1.4x TC. Becomes a 840mm F5.6	2/4/2024
Nikon	AF	600mm F6.3 VR S	600	6.3	Prime (super tele)	4.00	95	278	10.9	1470	51.9	YES		\$4,800	\$4,797	\$4,660	-		2/4/2024
Nikon	AF	800mm F6.3 VR S	800	6.3	Prime (super tele)	5.00	46 (drop-in)	385	15.2	2385	84.1	YES	YES	\$6,000	\$5,997	\$4,755	-		2/4/2024
<b>Still unannounced:</b>																			
35mm S-line (most likely F1.2)																			

Brand	Type	Lens	Min. FL	Max. FL	Max Aper.	Min Aper.	MFD (m)	Filter (mm)	Length (mm)	Length (in.)	Weight (g)	Weight (oz)	VR	WR [8]	New (\$)	eBay (\$)	Notes [9]
Nikon	AF	14-24mm F2.8 S	14	24	2.8	2.8	0.28	rear (gel)	125	4.9	650	22.9		YES	\$2,500	\$1,700	
Nikon	AF	14-30mm F4 S	14	30	4	4	0.28		85	3.3	485	17.1			\$1,350	\$950	
Nikon	AF	17-28mm F2.8	17	28	2.8	2.8	0.19		101	4.0	450	15.9			\$1,200	\$850	
Nikon	AF	24-50mm F4-6.3	24	50	4	6.3	0.35		51	2.0	195	6.9			\$400	\$200	
Nikon	AF	24-70mm F2.8 S	24	70	2.8	2.8	0.38		126	5.0	805	28.4			\$2,400	\$1,700	
Nikon	AF	24-70mm F4 S	24	70	4	4	0.30		89	3.5	500	17.6			\$1,000	\$350	
Nikon	AF	24-120mm F4 S	24	120	4.0	4.0	0.35		118	4.6	630	22.2			\$1,100	\$800	
Nikon	AF	24-200mm F4-6.3 VR	24	200	4	6.3	0.50		114	4.5	570	20.1	YES		\$900	\$600	
Nikon	AF	28-75mm F2.8	28	75	2.8	2.8	0.19		121	4.7	565	19.9			\$1,200	\$800	
Tamron	AF	35-150mm F2-2.8	35	150	2.0	2.8	0.33		158	6.2	1165	41.1			\$2,000		
Nikon	AF	70-180mm F2.8 Di III VXD	70	180	2.8	2.8	0.27		151	5.9	795	28.0			\$1,250		
Nikon	AF	70-200mm F2.8 VR S	70	200	2.8	2.8	0.50		220	8.7	1360	48.0	YES		\$2,700	\$1,850	
Tamron	AF	70-300mm F4.5-6.3 Di III RXD	70	300	4.5	6.3	0.80		148	5.8	545	19.2			\$700	\$430	
Nikon	AF	100-400mm F4.5-5.6 VR S	100	400	4.5	5.6	0.75		222	8.7	1435	50.6	YES		\$2,700	\$2,200	
Tamron	AF	150-500mm F5.6-6.7 Di III VXD	150	500	5.0	6.7	0.60		212	8.3	1720	60.7	YES	YES	\$1,200		
Nikon	AF	180-600mm F5.6-6.3 VR	180	600	5.6	6.3	1.30		316	12.4	1950	68.8	YES	YES	\$1,700		

Brand	Type	Lens	FF equiv. (mm)	Min. FL	Max. FL	Category	MFD (m)	Filter (mm)	Length (mm)	Length (in.)	Weight (g)	Weight (oz)	VR?	New (\$)	eBay (\$)	Notes [10]
Viltrox	AF	13mm F1.4	19.5	13	13	Prime (ultrawide)	0.22	67	90	3.5	455	16.0		\$460	\$330	
Sigma	AF	16mm F1.4 DC DN Contemporary	24	16	16	Prime (wide)	0.25	67	92.2	3.6	405	14.3		\$500		
Viltrox	AF	23mm F1.4	34.5	23	23	Prime (wide)	0.30	52	73	2.9	300	10.6		\$350	\$200	
Nikon	AF	24mm F1.7	36	24	24	Prime (wide)	0.11	46	40	1.6	136	4.8		\$277		
Sigma	AF	30mm F1.4 DC DN Contemporary	45	30	30	Prime (normal)	0.30	52	73.3	2.9	265	9.3		\$400	\$200	
Viltrox	AF	33mm F1.4	49.5	33	33	Prime (normal)	0.40	52	72	2.8	270	9.5		\$317		
Viltrox	AF	56mm F1.4	84	56	56	Prime (telephoto)	0.60	52	72	2.8	320	11.3		\$350	\$200	
Sigma	AF	56mm F1.4 DC DN Contemporary	84	56	56	Prime (telephoto)	0.50	55	60	2.4	280	9.9		\$500		
Viltrox	AF	75mm F1.2	112.5	75	75	Prime (telephoto)	0.88	77	101	4.0	670	23.6		\$550		
Nikon	AF	12-28mm F3.5-5.6 PZ VR	18-42	12	28	Zoom (wide)	0.19	67	63.5	2.5	205	7.2	YES	\$360		
Nikon	AF	16-50mm F3.5-6.3 VR	24-75	16	50	Zoom (standard)	0.20	46	32	1.3	135	4.8	YES	\$306	\$150	
Nikon	AF	50-250mm F4.5-6.3 VR	75-375	50	250	Zoom (telephoto)	0.50	62	110	4.3	405	14.3	YES	\$350	\$200	
Nikon	AF	18-140mm F3.5-6.3 VR	29-210	18	140	Zoom (all in one)	0.20	62	90	3.5	315	11.1	YES	\$640	\$450	

<b>Shortcuts to other comparison sheets:</b>		
<b>CAMERAS</b>	<b>LENSES</b>	<b>SYSTEMS</b>
<a href="#">Canon DSLRs</a>	<a href="#">Canon EF / EF-S</a>	<a href="#">Canon R</a>
<a href="#">Nikon ILCs</a>	<a href="#">Nikon Lenses</a>	<a href="#">Canon EF-M</a>
<a href="#">Compact Cameras</a>	<a href="#">Vintage Lenses</a>	<a href="#">Sony E-Mount</a>
<a href="#">Affordable Film Cameras</a>		<a href="#">Fuji X-Mount</a>
		<a href="#">Micro Four Thirds</a>
		<a href="#">Pentax DSLR</a>
		<a href="#">Leica M-Mount</a>
<b>Get in touch: <a href="mailto:keeter@gmail.com">keeter@gmail.com</a></b>		

[1] rubber ring at the lens mount

[2] Mostly from watching/reading reviews. I'm not an expert, please read reviews from your own trusted sources and/or try the lens out for yourself.

[3] rubber ring at the lens mount

[4] Mostly from watching/reading reviews. I'm not an expert, please read reviews from your own trusted sources and/or try the lens out for yourself.

[5] rubber ring at lens mount for weather sealing?

BOLD = protective fluorine coating to shed water on front element

[6] Mostly from watching/reading reviews. I'm not an expert, please read reviews from your own trusted sources and/or try the lens out for yourself.

[7] Mostly from watching/reading reviews. I'm not an expert, please read reviews from your own trusted sources and/or try the lens out for yourself.

[8] Note: Water Resistance = YES only if Nikon explicitly advertises it as such.

[9] Mostly from watching/reading reviews. I'm not an expert, please read reviews from your own trusted sources and/or try the lens out for yourself.

[10] Mostly from watching/reading reviews. I'm not an expert, please read reviews from your own trusted sources and/or try the lens out for yourself.