







AT A GLANCE: BEST SMARTPHONE CAMERAS 2020

Phone						
	Apple iPhone 12 Pro	Huawei P40 Pro 5G	Oppo Find X2 Pro 5G	realme X50 Pro 5G	Samsung Galaxy Note20 Ultra 5G	Sony Xperia 1 II
Price	From \$1,649	\$1,448	\$1,699	\$999	\$1,898	\$1,599
Rear camera system	<p>Three cameras:</p> <ul style="list-style-type: none"> • 12 megapixels, f/2.4 (ultra-wide) • 12 megapixels, f/1.6 (wide) • 12 megapixels, f/2.0 (2x optical zoom) <p>AI tech: *LiDAR</p>	<p>Three cameras:</p> <ul style="list-style-type: none"> • 40 megapixels, f/1.8 (ultra-wide) • 50 megapixels, f/1.9 (wide) • 12 megapixels, f/3.4 (5x optical zoom) <p>AI tech: 3D depth-sensing</p>	<p>Three cameras:</p> <ul style="list-style-type: none"> • 48 megapixels, f/2.2 (ultra-wide) • 48 megapixels, f/1.7 (wide) • 13 megapixels, f/3.0 (5x optical zoom) 	<p>Four cameras:</p> <ul style="list-style-type: none"> • 8 megapixels, f/2.3 (ultra-wide) • 64 megapixels, f/1.8 (wide) • 12 megapixels, f/2.5 (2x optical zoom) • 2 megapixels, f/2.4 (mono chrome) 	<p>Three cameras:</p> <ul style="list-style-type: none"> • 12 megapixels, f/2.2 (ultra-wide) • 108 megapixels, f/1.8 (wide) • 12 megapixels, f/3.0 (5x optical zoom) <p>AI tech: Laser auto-focus sensing</p>	<p>Three cameras:</p> <ul style="list-style-type: none"> • 12 megapixels, f/2.2 (ultra-wide) • 12 megapixels, f/1.7 (wide) • 12 megapixels, f/2.4 (2x optical zoom)
Front-facing camera system	12 megapixels, f/2.2	32 megapixels, f/2.2	32 megapixels, f/2.4	8 megapixels, f/2.2 (ultra-wide); 32 megapixels, f/2.5 (wide)	10 megapixels, f/2.2	8 megapixels, f/2.0
Display	6.1 inches, *Oled, 2,532 x 1,170 pixels	6.58 inches, *Oled, 2,640 x 1,200 pixels	6.7 inches, *Oled, 3,168 x 1,440 pixels	6.44 inches, *Oled, 2,400 x 1,080 pixels	6.9 inches, *Amoled, 3,088 x 1,440 pixels	6.5 inches, *Amoled, 3,840 x 1,644 pixels
Storage	128GB, 256GB, 512GB; no external storage card slot	256GB; Nano memory card slot (up to 256GB)	512GB; no external storage card slot	256GB; no external storage card slot	256GB; microSD card slot (up to 1TB)	256GB; microSD card slot (up to 1TB)

NOTE: *LiDAR: Stands for light detection and ranging scanner, which uses laser to measure distance and depth to map out 3D images.

*OLED: Stands for organic light emitting diode, a flat and bright display that uses very little energy.

*AMOLED: Stands for active matrix Oled. It is more advanced than Oled as it features smoother animation, key for gaming.

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