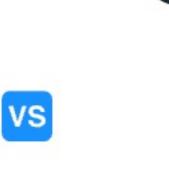


8GB · 128GB

3274 mAh

7







pple iPhone 15 Pro	Samsung Galaxy S24
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- Released · Jan 31, 2024
- 6.2-inch · 2340 × 1080 px (^{*},)
- 50 MP Main · 12 MP Selfie *****
- 8GB · 128GB
- 4000 mAh **7**

Check Prices

Google Pixel 8

- Released · Oct 12, 2023
- 6.2-inch · 2400 × 1080 px
- 50 MP Main · 10.5 MP Selfie
- 8GB · 128GB
- 4575 mAh

Check Prices

Display

Size

6.1-inch	6.2-inch	6.2-inch	
Resolution			

2556 × 1179 px, 19.5:9 ratio, 461 PPI

2340 × 1080 px, 19.5:9 ratio, 416 PPI

2400 × 1080 px, 20:9 ratio, 424 PPI

Technology

OLED Dynamic AMOLED OLED

Refresh rate

120Hz 120Hz Variable 1-120Hz

Screen-to-body

88.23 % 90.87 % 86.95 %

Peak brightness

2000 cd/m2 (nit) 2600 cd/m2 (nit) 2000 cd/m2 (nit)

Features

Super Retina XDR, HDR support, Oleophobic coating, Scratch-resistant glass (Ceramic Shield), Ambient light sensor, Proximity sensor

HDR support, Scratch-resistant glass (Corning Gorilla Glass Victus 2), Ambient light sensor, Proximity sensor

HDR support, Scratch-resistant glass (Corning Gorilla Glass Victus), Ambient light sensor, Proximity sensor

# Hardware			
	# Halaware		
	System chip		
A17 Pro (3 nm)	Qualcomm Snapdragon 8 Gen 3 SM8650-AB (4 nm)	Google Tensor G3	
	Processor		
Hexa-core, 2× 3.78GHz + 4x 2.11GHz	Octa-core, 1× 3.39GHz Cortex- X4 + 3× 3.1GHz Cortex-A720 + 2× 2.9GHz Cortex-A720 + 2x 2.2GHz Cortex-A520	Nona-core, 1× 3.0GHz Cortex- X3 + 4× 2.45GHz Cortex-A715 + 4× 2.15GHz Cortex-A510	
	GPU		
Apple GPU 6-core	Adreno 750	Immortalis-G715s MC10	
	RAM		
8GB (LPDDR5)	8GB (LPDDR5X)	8GB (LPDDR5X)	
Internal storage			
128GB, not expandable	128GB (UFS 3.1), not expandable	128GB (UFS 3.1), not expandable	
os			
iOS (18.x, 17.x)	Android (14), One UI	Android (15, 14)	
	Device type		
Smartphone	Smartphone	Smartphone	
	Battery		
	Capacity		
3274 mAh	4000 mAh	4575 mAh	
	Туре		
Li - Ion, Not user replaceable	Li - Ion, Not user replaceable	Li - Ion, Not user replaceable	
Charging			
Fast charging, Qi2 wireless charging, MagSafe wireless charging	Fast charging, Qi wireless charging, Reverse wireless charging	Fast charging, Qi wireless charging, Reverse wireless charging	
	Max charge speed		
Wired: 25.0W Wireless: 15.0W	Wired: 25.0W Wireless: 15.0W	Wired: 27.0W Wireless: 18.0W	
	PhoneArena Battery Tests		

PhoneArena Battery Tests

Battery Life
Estimate
5h 43min

Browsing
14h 54min

Video
6h 54min

Gaming
8h 51min

Battery Life
Estimate
6h 37min

Browsing
16h 18min

Video
8h 20min

Gaming
10h 45min

Battery Life
Estimate
6h 41min

Browsing
15h 39min

Video
9h 36min

Gaming
9h 6min

Find out more details about battery and charging for all phones we have tested on our <u>PhoneArena</u> <u>Battery Score page</u>.



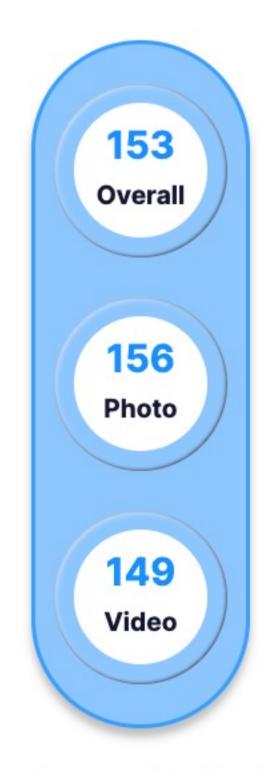
Rear			
Triple camera	Triple camera	Dual camera	
	Main camera		
48 MP (Sensor-shift OIS, PDAF) Specifications: Aperture size: F1.8 Focal length: 24 mm Sensor size: 1/2.8" Pixel size: 2.44 µm	50 MP (OIS, PDAF) Specifications: Aperture size: F1.8 Focal length: 24 mm Sensor size: 1/1.56" Pixel size: 1.0 µm	50 MP (OIS, Laser and PDAF) Specifications: Aperture size: F1.7 Sensor size: 1/1.31" Pixel size: 1.12 µm	
	Second camera		
12 MP (Telephoto, OIS, PDAF) Specifications: Optical zoom: 3.0x Aperture size: F2.8 Focal Length: 77 mm Sensor size: 1/3.5" Pixel size: 1.0 µm	10 MP (Telephoto, OIS) Specifications: Optical zoom: 3.0x Aperture size: F2.4 Focal Length: 67 mm Sensor size: 1/3.94" Pixel size: 1.0 µm	12 MP (Ultra-wide, OIS, Autofocus) Specifications: Aperture size: F2.2 Pixel size: 1.25 µm	
Third camera			
12 MP (Ultra-wide) Specifications: Aperture size: F2.2 Focal Length: 13 mm Pixel size: 1.4 µm	12 MP (Ultra-wide) Specifications: Aperture size: F2.2 Focal Length: 13 mm Sensor size: 1/2.55" Pixel size: 1.4 µm		
	Flash		
Dual LED	LED	LED	
	Video recording		
3840×2160 (4K UHD) (60 fps), 1920×1080 (Full HD) (240 fps) Features: OIS, HDR, 10-bit HDR, Dolby Vision HDR, ProRes, Cinematic mode	7680×4320 (8K UHD) (30 fps), 3840×2160 (4K UHD) (60 fps), 1920×1080 (Full HD) (240 fps) Features: HDR, Continuous autofocus, Picture-taking during video	3840×2160 (4K UHD) (60 fps), 1920×1080 (Full HD) (240 fps)	

recording, 10-bit HDR

Front

12 MP (Time-of-Flight (ToF), Autofocus, HDR), Video capture: 3840×2160 (4K UHD) (60 fps) 12 MP (PDAF, HDR), Video capture: 3840×2160 (4K UHD) (60 fps) 10.5 MP, Video capture: 3840×2160 (4K UHD) (60 fps)

PhoneArena Camera Tests







Find out more details about photo and video scores for all phones we have tested on our <u>PhoneArena</u> <u>Camera Score page</u>.



Dimensions

5.77 × 2.78 × 0.32 inches (146.6 × 70.6 × 8.25 mm) thickness with camera 0.48 inches (12.28 mm) 5.79 × 2.78 × 0.30 inches (147 × 70.6 × 7.6 mm) thickness with camera 0.35 inches (8.85 mm)

5.93 × 2.79 × 0.35 inches (150.5 × 70.8 × 8.9 mm) thickness with camera 0.47 inches (11.87 mm)

Weight

6.60 oz(187.0 g)

5.93 oz(168.0 g)

6.60 oz(187.0 g)

Materials

Back: Glass Frame: Titanium Back: Glass (Corning Gorilla Glass Victus 2) Frame: Aluminum

Back: Glass (Corning Gorilla Glass Victus) Frame: Aluminum

Resistance

Water, Dust; IP68

Water, Dust; IP68

Water, Dust; IP68

Biometrics

3D Face unlock

Ultrasonic in-screen fingerprint

Optical in-screen fingerprint

Keys

Left: Volume control, Other; Right: Lock/Unlock key

Right: Volume control, Lock/Unlock key Right: Volume control, Lock/Unlock key

Colors

Black Titanium, White Titanium, Blue Titanium, Natural Titanium Onyx Black, Marble Grey, Cobalt Violet, Amber Yellow, Jade Green, Sandstone Orange, Sapphire Blue

Obsidian, Hazel, Rose

... Cellular

5G

Bands n1, n2, n3, n5, n7, n8, n12, n14, n20, n25, n28, n29, n30, n38, n40, n41, n48, n66, n70, n71, n77, n78, n79, n258, n260, n261, SA, NSA, mmWave, 5G Ready

Bands n1, n2, n3, n5, n7, n8, n12, n20, n25, n28, n38, n40, n41, n66, n75, n77, n78, SA, NSA, mmWave, 5G Ready Bands n1, n2, n3, n5, n7, n8, n12, n20, n25, n28, n29, n30, n38, n40, n41, n48, n66, n70, n71, n77, n78, n258, n260, n261, SA, NSA, Sub-6, mmWave

4G (FDD)

Bands 1(2100), 2(1900), 3(1800), 4(AWS-1), 5(850), 7(2600), 8(900), 12(700 a), 13(700 c), 14(700 PS), 17(700 b), 18(800 Lower), 19(800 Upper), 20(800 DD), 25(1900+), 26(850+), 28(700 APT), 30(2300 WCS), 32(1500 L-band), 66(AWS-3), 71(600) Bands 1(2100), 2(1900), 3(1800), 4(AWS-1), 5(850), 7(2600), 8(900), 12(700 a), 13(700 c), 17(700 b), 18(800 Lower), 19(800 Upper), 20(800 DD), 25(1900+), 26(850+), 28(700 APT), 32(1500 L-band), 66(AWS-3) Bands 1(2100), 2(1900), 3(1800), 4(AWS-1), 5(850), 7(2600), 8(900), 12(700 a), 13(700 c), 14(700 PS), 17(700 b), 18(800 Lower), 19(800 Upper), 20(800 DD), 25(1900+), 26(850+), 28(700 APT), 29(700 d), 30(2300 WCS), 66(AWS-3), 71(600)

4G (TDD)			
Bands 34(2000), 38(2600), 39(1900+), 40(2300), 41(2600+), 42(3500), 46, 48(3600)	Bands 38(2600), 39(1900+), 40(2300)	Bands 38(2600), 40(2300), 41(2600+), 46, 48(3600)	
	3G		
Bands 1(2100), 4(1700/2100), 5(850), 8(900)	Bands 1(2100), 2(1900), 4(1700/2100), 5(850), 8(900)	Bands 1(2100), 2(1900), 4(1700/2100), 5(850), 6(800), 8(900), 19(800)	
	Data Speed		
LTE-A, HSDPA+ (4G) 42.2 Mbit/s	LTE-A Pro Cat 20 (2000/150 Mbit/s)	LTE-A, HSDPA+ (4G) 42.2 Mbit/s	
	SIM type		
eSIM	Dual Nano SIM + eSIM	Nano SIM, eSIM	
	HD Voice		
Yes			
	VoLTE		
Yes			
	Hem a d ta t		
	Multimedia Multimedia		
	Headphones		
No 3.5mm jack	No 3.5mm jack	No 3.5mm jack	
Speakers			
Earpiece, Multiple speakers	Earpiece, Multiple speakers	Earpiece, Multiple speakers	
	Features		
Dolby Atmos			
	Screen mirroring		

Wireless screen share	Wireless screen share	Wireless screen share

Additional microphone(s)

Noise cancellation Noise cancellation Noise cancellation

Connectivity & Features

Bluetooth

5.3 5.3

Wi-Fi

802.11 a,b,g,n,ac,ax(Wi-Fi 802.11 a,b,g,n,ac,ax(Wi-Fi 6),Wi-6),Wi-Fi 6E Fi 6E 6),Wi-Fi 7
Wi-Fi Direct, Hotspot Wi-Fi Direct, Hotspot Wi-Fi Direct, Hotspot

USB

	Type-C (reversible), USB 3.2, Features: Charging	Type-C (reversible), USB 3.2, Features: Charging, OTG	Type-C (reversible), USB 3.2, Features: Charging	
	Hearing aid compatible			
	M3/T4	M3/T4		
		Location		
	GPS, A-GPS, Glonass, Galileo, BeiDou, QZSS, Cell ID, Wi-Fi positioning, Emergency SOS via satellite (SMS sending/receiving)	GPS, A-GPS, Glonass, Galileo, BeiDou, Cell ID, Wi-Fi positioning	GPS, A-GPS, Glonass, Galileo, BeiDou, Cell ID, Wi-Fi positioning	
		Sensors		
	Accelerometer, Gyroscope, Compass, Barometer	Accelerometer, Gyroscope, Compass, Barometer	Accelerometer, Gyroscope, Compass, Barometer	
		Other		
	NFC, Ultra Wideband (UWB)	NFC	NFC	
		Regulatory Approval		
		FCC approval		
	Date approved: Sep 12, 2023 FCC ID value: BCG-E8435A	Date approved: Nov 30, 2023 FCC ID value: A3LSMS921U	Date approved: Aug 30, 2023 FCC ID value: A4RGKWS6	
	Measured SAR			
	Head: 0.95 W/kg Body: 0.95 W/kg Simultaneous Transmission: 1.50 W/kg	Head: 1.23 W/kg Body: 1.14 W/kg Simultaneous Transmission: 1.58 W/kg	Head: 1.00 W/kg Body: 0.99 W/kg Simultaneous Transmission: 1.59 W/kg Wireless Router: 0.85 W/kg	
		Buyers information		
		MSRP		
	\$ 999 / € 1199	\$800/€899	\$ 699 / € 799	
In The Box				
	USB Type-C, Paperwork	USB-C cable, SIM ejector tool, Paperwork	Phone, USB Type-C cable, SIM ejector tool, Papers	
	Availability			
		Officially apparent		

Officially announced

Jan 17, 2024

Oct 04, 2023

Sep 12, 2023

Alternative variants

With 256GB internal storage

Internal storage

256GB

MSRP
\$1099

With 256

Internal storage

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With 256GB internal storage
Internal storage
256GB (UFS 4.0)
MSRP
\$ 860

With 256GB internal storage
Internal storage
256GB
MSRP
\$ 759

With 512GB internal storage
Internal storage
512GB
MSRP
\$ 1299

International

System chip

Exynos 2400 (4 nm)

Processor

Deca-core, 1× 3.2GHz Cortex-X4 +

2× 2.9GHz Cortex-A720 + 3×

2.6GHz Cortex-A720 + 4× 1.95GHz

Cortex-A520

GPU

Xclipse 940

5G Bands n1, n2, n3, n5, n7, n8, n12, n20, n25, n28, n29, n30, n38, n40, n41, n48, n66, n70, n71, n77, n78, SA, NSA, Sub-6

International

With 1TB internal storage

Internal storage

1024GB

MSRP

\$1499

International.

5G

Bands n1, n2, n3, n5, n7, n8, n12, n14, n20, n25, n28, n29, n30, n38, n40, n41, n48, n66, n70, n71, n75, n77, n78, n79, SA, NSA, Sub-6

4G (FDD)

Bands 1(2100), 2(1900), 3(1800), 4(AWS-1), 5(850), 7(2600), 8(900), 12(700 a), 13(700 c), 14(700 PS), 17(700 b), 18(800 Lower), 19(800 Upper), 20(800 DD), 21(1500 Upper), 25(1900+), 26(850+), 28(700 APT), 29(700 d), 30(2300 WCS), 32(1500 L-band), 66(AWS-3), 71(600)

4G (TDD)

Bands 34(2000), 38(2600), 39(1900+), 40(2300), 41(2600+), 42(3500), 46, 48(3600)

⊘ Links

Full specifications

<u>Apple iPhone 15 Pro Specs</u> <u>Samsung Galaxy S24 Specs</u> <u>Google Pixel 8 Specs</u>

PhoneArena Review

<u>Apple iPhone 15 Pro Review</u> <u>Samsung Galaxy S24 Review</u> <u>Google Pixel 8 Review</u>

User Reviews

Apple iPhone 15 Pro User
Reviews

Samsung Galaxy S24 User Reviews Google Pixel 8 User Reviews