

Samsung Galaxy S24 Specifications

NETWORK	Technology	GSM / CDMA / HSPA / EVDO / LTE / 5G
LAUNCH	Status	Release 2024, January 24
BODY	Dimensions	147 x 70.6 x 7.6 mm (5.79 x 2.78 x 0.30 in)
	Weight	167 g or 168 g (5.89 oz)
	Build	Glass front (Gorilla Glass Victus 2), glass back (Gorilla Glass Victus 2), aluminum frame
	SIM	Nano-SIM and eSIM/ Dual eSIM or Dual SIM (2 Nano-SIMs and eSIM, dual stand-by)
		IP68 dust/water resistant (up to 1.5m for 30 min) Armor aluminum 2 frame with tougher drop and scratch resistance (advertised)
DISPLAY	Type	Dynamic LTPO AMOLED 2X, 120Hz, HDR10+, 2600 nits (peak)
	Size	6.2 inches, 94.4 cm ² (~90.9% screen-to-body ratio)
	Resolution	1080 x 2340 pixels, 19.5:9 ratio (~416 ppi density)
	Protection	Corning Gorilla Glass Victus 2
		Always-on display
PLATFORM	OS	Android 14, One UI 6.1
	Chipset	Qualcomm SM8650-AC Snapdragon 8 Gen 3 (4 nm) - USA/Canada/China Exynos 2400 (4 nm) - International
	CPU	8-core (1x3.39GHz Cortex-X4 & 3x3.1GHz Cortex-A720 & 2x2.9GHz Cortex-A720 & 2x2.2GHz Cortex-A520) 10-core (1x3.2GHz Cortex-X4 & 2x2.9GHz Cortex-A720 & 3x2.6GHz Cortex-A720 & 4x1.95GHz Cortex-A520)
	GPU	Adreno 750 (1 GHz) - USA/Canada/China Xclipse 940 - International
MEMORY	Card slot	No
	Internal	128GB 8GB RAM, 256GB 8GB RAM, 256GB 12GB RAM, 512GB 8GB RAM
		UFS 3.1 - 128GB only UFS 4.0

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MAIN CAMERA	Triple	50 MP, f/1.8, 24mm (wide), 1/1.56", 1.0µm, Dual Pixel PDAF, OIS 10 MP, f/2.4, 67mm (telephoto), 1/3.94", 1.0µm, PDAF, OIS, 3x optical zoom 12 MP, f/2.2, 13mm, 120°(ultrawide), 1/2.55" 1.4µm, Super Steady video
	Features	LED flash, auto-HDR, panorama
	Video	8K@24/30fps, 4K@30/60fps, 1080p@30/60/240fps, 1080p@960fps, HDR10+, stereo sound rec., gyro-EIS
SELFIE CAMERA	Single	12 MP, f/2.2, 26mm (wide), Dual Pixel PDAF
	Features	Dual video call, Auto-HDR, HDR10+
	Video	4K@30/60fps, 1080p@30fps
SOUND	Loudspeaker	Yes, with stereo speakers
	3.5mm jack	No
		32-bit/384kHz audio Tuned by AKG
COMMS	WLAN	Wi-Fi 802.11 a/b/g/n/ac/6e/7, tri-band, Wi-Fi Direct
	Bluetooth	5.3, A2DP, LE
	Positioning	GPS, GLONASS, BDS, GALILEO
	NFC	Yes
	Radio	No
	USB	USB Type-C 3.2, OTG
FEATURES	Sensors	Fingerprint (under display, ultrasonic), accelerometer, gyro, proximity, compass, barometer
		Samsung DeX, Samsung Wireless DeX (desktop experience support)
BATTERY	Type	Li-Ion 4000 mAh, non-removable
	Charging	25W wired, PD3.0, 50% in 30 min (advertised) 15W wireless (Qi/PMA) 4.5W reverse wireless
MISC	Colors	Onyx Black, Marble Grey, Cobalt Violet, Amber Yellow, Jade Green, Sandstone Orange, Sapphire Blue

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Models	SM-S921B, SM-S921B/DS, SM-S921U, SM-S921U1, SM-S921W, SM-S921N, SM-S9210, SM-S921E, SM-S921E/DS
SAR	1.23 W/kg (head) 1.10 W/kg (body)
SAR EU	0.87 W/kg (head) 1.35 W/kg (body)
Price	\$ 799.99 / C\$ 1,099.99 / £ 799.00 / € 899.00 / ₹ 79,999