

Samsung Galaxy S24 128 GB Specs

Carrier

Type

Unlocked by Samsung

Color

Color

Sapphire Blue

Processor

CPU Type

Octa-Core

CPU Speed

3.39GHz, 3.1GHz, 2.9GHz, 2.2GHz

Display

Resolution (Main Display)

2340 x 1080 (FHD+)

Color Depth (Main Display)

16M

Technology (Main Display)

Dynamic AMOLED 2

Main Display Size

156.4mm (6.2" full rectangle) / 152.3mm (6.0" rounded corners)

Camera

Camera resolution (Front)

12.0 MP

Main Camera – Flash

Yes

Front Camera – Auto Focus

Yes

Main Camera – OIS

Yes

30x

Camera resolution (Rear)

50.0 MP + 10.0 MP + 12.0 MP

Main Camera – Auto Focus

Yes

Slow Motion

240fps @FHD, 120fps @UHD

Main Camera – Zoom

Optical Zoom 3x, Optical quality Zoom 2x (Enabled by Adaptive Pixel sensor), Digital Zoom up to

Video Recording Resolution

UHD 8K (7680 x 4320)@30fps

Front Camera - F Number

F2.2

Main Camera - F Number (Multiple)

F1.8 , F2.4 , F2.2

Storage

Internal Storage

128GB

Available Storage (GB)

104.6GB

RAM Size (GB)

8GB

Network

2G GSM

GSM850GSM900, DCS1800, PCS1900

3G UMTS

B1(2100), B2(1900), B4(AWS), B5(850), B8(900)

4G FDD LTE

B1(2100), B2(1900), B3(1800), B4(AWS), B5(850), B7(2600), B8(900), B12(700), B13(700), B14(700), B18(800), B19(800), B20(800), B25(1900), B26(850), B28(700), B29(700), B30(2300), B66(AWS-3), B71(600)

4G TDD LTE

B38(2600), B39(1900), B40(2300),
B41(2500), B48(3600)

SIM Slot Type

SIM 1 + eSIM / Dual eSIM

5G FDD Sub6

N1(2100), N7(2600), N25(1900),
N28(700), N66(AWS-3), N71(600)

5G TDD Sub6

N257(28GHz), N258(26GHz),
N260(39GHz), N261(28GHz)

5G TDD mmWave

N41(2500), N78(3500)

Connectivity

Wi-Fi Connectivity

802.11a/b/g/n/ac/ax 2.4GHz+5GHz+6GHz,
HE160, MIMO, 1024-QAM

USB

USB 3.2 Gen 1

Bluetooth®

Bluetooth v5.3

Location Technology

GPS, Glonass, Beidou, Galileo

Earjack

USB Type-C

MHL

No

Wi-Fi Direct

Yes

NFC

Yes

PC Sync

Smart Switch (PC version)

USB Interface

USB Type-C

OS

OS

Android

General Information

General Information

Touch Bar

Sensor Type

Type

Accelerometer, Barometer, Fingerprint Sensor, Gyro Sensor, Geomagnetic Sensor, Hall Sensor, Light Sensor, Proximity Sensor

Size

Weight

5.93 oz

Battery

Removable

No

Battery Capacity (mAh, Typical)

4000

Internet Usage Time(LTE) (Hours)

Up to 25

Audio Playback Time (Hours, Wireless)

Up to 72

Internet Usage Time(Wi-Fi) (Hours)

Up to 25

Video Playback Time (Hours, Wireless)

Up to 28

Audio

Audio Playing Format

MP3, M4A, 3GA, AAC, OGG, OGA, WAV, AMR, AWB, FLAC, MID, MIDI, XMF, MXMF, IMY, RTTTL, RTX, OTA, DFF, DSF, APE

Video

Video Playing Format

MP4, M4V, 3GP, 3G2, AVI, FLV, MKV, WEBM

Video Playing Resolution

UHD 8K (7680 x 4320)@60fps

Stereo Support

Yes

Services and Applications

Samsung DeX Support

Yes

Mobile TV

No

Gear Manager

Galaxy Buds2 Pro, Galaxy Buds Pro, Galaxy Buds Live, Galaxy Buds+, Galaxy Buds2, Galaxy Buds, Galaxy Buds FE, Galaxy Fit2, Galaxy Fit e, Galaxy Fit, Galaxy Watch6, Galaxy Watch5, Galaxy Watch4, Galaxy Watch3, Galaxy Watch, Galaxy Watch Active2, Galaxy Watch Active

Key Features

NFC

Yes

Physical specifications

Dimension (HxWxD, mm)

147.0 x 70.6 x 7.6

Weight (g) *

168