SAMSUNG

Samsung Galaxy A25 5G SM-A256B 16.5 cm (6.5") Dual SIM Android 14 USB Type-C 6 GB 128 GB 5000 mAh Black, Blue

Brand : Samsung

Product family: Galaxy

Product code: SM-A256BZKDEUB

Product name : SM-A256B

- Engineered to capture incredible details
- Vivid and Large Display
- Powerful Battery and Performance
- Awesome Processor
Galaxy A25 5G
Samsung Galaxy A25 5G SM-A256B. Display diagonal: 16.5 cm (6.5"), Display resolution: 1080 x 2340 pixels. Processor frequency: 2 GHz, Processor family: Samsung Exynos, Processor model: 1280. RAM capacity: 6 GB, Internal storage capacity: 128 GB. Rear camera resolution (numeric): 50 MP, Rear camera type: Triple camera. SIM card capability: Dual SIM. Operating system installed: Android 14. Battery capacity: 5000 mAh. Product colour: Black, Blue. Weight: 197 g

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Display

Display diagonal *	16.5 cm (6.5")
Screen shape	Flat
Display technology marketing name	Super AMOLED
Panel type	AMOLED
Display resolution *	1080 x 2340 pixels
Display number of colours	16 million colours
Maximum refresh rate	120 Hz

Processor

Processor family *	Samsung Exynos
Processor model *	1280
Processor cores	8
Processor boost frequency	2.4 GHz
Processor frequency *	2 GHz

Storage

RAM capacity *	6 GB
Internal storage capacity *	128 GB
Compatible memory cards *	MicroSD (TransFlash)
Maximum memory card size	1 TB

Camera

Rear camera resolution (numeric) *	50 MP
Second rear camera resolution (numeric)	8 MP
Third rear camera resolution (numeric)	2 MP
Rear camera aperture number	1.8
Second rear camera aperture number	2.2
Third rear camera aperture number	2.4
Digital zoom	10x
Front camera type *	Single camera
Front camera resolution (numeric) *	13 MP
Front camera aperture number	2.2
Rear camera flash *	✓
Video capture resolution (max)	3840 x 2160 pixels
Maximum frame rate	480 fps

Subscription

Subscription type *	No subscription

Ports & interfaces

USB port *	✓
USB connector type	USB Type-C
Headphone connectivity	3.5 mm

Messaging

Short Message Service (SMS)	✓
Multimedia Messaging Service (MMS)	✓
E-mail	✓

Design

Form factor *	Bar
Product colour *	Black, Blue

Performance

Video call	✓
Fast charging	✓
Fingerprint reader	✓
Face recognition	✓
Vibrating alert	✓

Navigation

GPS (satellite)	✓
GLONASS	✓
BeiDou	✓
Galileo	✓
Quasi-Zenith Satellite System (QZSS)	✓
Position location *	✓

Multimedia

Speakers	stereo
Audio formats supported	3GA, AAC, AMR, AWB, FLAC, IMY, M4A, Mid, MIDI, MP3, MXMF, OGA, OGG, OTA, RTTTL, RTX, WAV, XMF
Video formats supported	MP4, M4V, 3GP, 3G2, AVI, FLV, MKV, WEBM

Camera

Resolution at capture speed	1920x1080@60fps, 3840x2160@30fps
Video recording modes	720p, 1080p, 2160p
Rear camera type *	Triple camera
Auto focus	✓
Camera High Dynamic Range (HDR) mode	✓
Image stabilizer	✓
Image stabilizer type	Optical Image Stabilization (OIS)

Network

SIM card capability *	Dual SIM
Mobile network generation *	5G
SIM card type *	NanoSIM
3G standards *	WCDMA
4G standard *	LTE
Voice over LTE (VoLTE) supported	✓
Wi-Fi	✓
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)
Bluetooth *	✓
Bluetooth version	5.1
Wi-Fi Direct	✓
Near Field Communication (NFC)	✓

Software

Platform *	Android
Operating system installed *	Android 14

Battery

Removable battery	✗
Battery capacity *	5000 mAh
Browsing time (Wi-Fi)	19 h
Browsing time (4G)	19 h
Continuous audio playback time	124 h
Continuous video playback time	21 h

Sensors

Proximity sensor	✓
Accelerometer	✓
Ambient light sensor	✓
Gyroscope	✓

Weight & dimensions

Width	76.5 mm
Depth	8.3 mm
Height	161 mm
Weight *	197 g

Certificates

Head SAR (EU)	0.458 W/kg
Head SAR category (EU)	B

Packaging content

Quick start guide	✓
Cables included	USB Type-C to USB Type-C
SIM card ejector pin	✓
AC adapter power	25 W

Other features

Repairability index	8.4

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