SAMSUNG

Samsung Galaxy A16 17 cm (6.7") Dual SIM Android 14 4G USB Type-C 4 GB 128 GB 5000 mAh Black





Brand : Samsung

Product family: Galaxy

Product code: SM-A165FZKBEUB

Product name : Galaxy A16

- Immersive and clear viewing
- Well-rounded performance
- Trustworthy reliability

SM-A165FZKBEUB

Samsung Galaxy A16 . Display diagonal: 17 cm (6.7"), Display resolution: 1080 x 2340 pixels. Processor frequency: 2 GHz. RAM capacity: 4 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. Weight: 200 g



Display	
Display diagonal *	17 cm (6.7")
Display technology marketing name	Super AMOLED
Panel type	AMOLED
Display resolution *	1080 x 2340 pixels
Display number of colours	16 million colours
Processor	
Processor cores	8
Processor frequency *	2 GHz
Processor boost frequency	2.2 GHz
Storage	
User memory	108.3 GB
RAM capacity *	4 GB
Internal storage capacity *	128 GB
Compatible memory cards *	MicroSD (TransFlash)
Maximum memory card size	1.5 TB
Memory card slot type	Hybrid slot
Camera	
Rear camera resolution (numeric) *	50 MP
Second rear camera resolution (numeric)	5 MP
Third rear camera resolution (numeric)	2 MP

Ports & interfaces	
Mobile High-Definition Link (MHL)	✗
Messaging	
Short Message Service (SMS)	✓
E-mail	✓
Navigation	
GPS (satellite)	✓
GLONASS	✓
BeiDou	✓
Galileo	✓
Quasi-Zenith Satellite System (QZSS)	✓
Position location *	✓
Design	
Form factor *	Bar
Product colour *	Black
Performance	
Video call	✓
Fingerprint reader	✓
Speakerphone	✓
Vibrating alert	✓

Camera

Fourth rear camera resolution (numeric)	50 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
Rear camera flash *	✔
Video capture resolution (max)	1920 x 1080 pixels
Maximum frame rate	30 fps
Rear camera type *	Triple camera
Auto focus	✔
Zoom capability	✔
Slow motion mode	✔
Slow motion rate	120fps @HD

Network

SIM card capability *	Dual SIM
Mobile network generation *	4G
SIM card type *	NanoSIM
2G standards	GSM
3G standards *	WCDMA
4G standard *	LTE-TDD & LTE-FDD
5G standard *	Not supported
Top Wi-Fi standard *	Wi-Fi 5 (802.11ac)
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac)
Bluetooth *	✔
Bluetooth version	5.3
2G bands (primary SIM)	850,1900,1800,900 MHz
3G bands supported	2100,900,850 MHz
4G bands supported	2100,700,800,850,1800,2300,2600,900,2500 MHz
Wi-Fi Direct	✔
Near Field Communication (NFC)	✔

Subscription

Subscription type *	No subscription

Ports & interfaces

USB port	✔
USB connector type	USB Type-C
USB version	2.0
Headphone connectivity	USB Type-C

Multimedia

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

Software

Platform *	Android
Operating system installed *	Android 14

Battery

Removable battery	✘
Battery endurance in cycles *	1200
Battery capacity *	5000 mAh
Wireless video playback time	18 h

Sensors

Proximity sensor	✔
Accelerometer	✔
Ambient light sensor	✔
Geomagnetic sensor	✔

Power

USB Type-C charging port *	✔
USB Power Delivery (USB PD)	✔
USB Type-C required charging power (min) *	10 W
USB Type-C required charging power (max) *	25 W

Endurance

Energy efficiency class *	B
Energy efficiency scale	A to G
Battery endurance per cycle *	2710 min
Repeated free fall reliability class *	B
Repairability class *	C
Repairability index	8.3
International Protection (IP) code *	IP54

Weight & dimensions

Width	77.9 mm
Depth	7.9 mm
Height	164.4 mm
Weight *	200 g

Specific absorption rate (SAR)

Head SAR (EU)	0.312 W/kg
Body SAR (EU)	1.083 W/kg

Other features

Compatibility	Galaxy Ring, Galaxy Buds3 Pro, Galaxy Buds2 Pro, Galaxy Buds Pro, Galaxy Buds Live, Galaxy Buds+, Galaxy Buds3, Galaxy Buds2, Galaxy Buds, Galaxy Buds FE, Galaxy Fit3, Galaxy Fit2, Galaxy Fit e, Galaxy Fit, Galaxy Watch FE, Galaxy Watch Ultra, Galaxy Watch7, Galaxy Watch6, Galaxy Watch5, Galaxy Watch4, Galaxy Watch3, Galaxy Watch, Galaxy Watch Active2, Galaxy Watch Active

Technical details

Security update term	31 August 2031

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