

Samsung Galaxy A16 17 cm (6.7") Dual SIM 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. Battery capacity: 5000 mAh. Product colour: Black. Weight: 200 g



Display		Ports & interfaces	
Display diagonal *	17 cm (6.7")	Mobile High-Definition Link (MHL)	✗
Display technology marketing name	Super AMOLED	Messaging	
Panel type	AMOLED	Short Message Service (SMS)	✓
Display resolution *	1080 x 2340 pixels	E-mail	✓
Display number of colours	16 million colours	Navigation	
Processor		GPS (satellite)	✓
Processor cores	8	GLONASS	✓
Processor boost frequency	2.2 GHz	BeiDou	✓
Processor frequency *	2 GHz	Galileo	✓
Storage		Quasi-Zenith Satellite System (QZSS)	✓
User memory	108.3 GB	Position location *	✓
RAM capacity *	4 GB	Design	
Internal storage capacity *	128 GB	Form factor *	Bar
Compatible memory cards *	MicroSD (TransFlash)	Product colour *	Black
Maximum memory card size	1.5 TB	Performance	
Memory card slot type	Hybrid slot	Video call	✓
Camera		Fingerprint reader	✓
Rear camera resolution (numeric) *	50 MP	Speakerphone	✓
Second rear camera resolution (numeric)	5 MP	Vibrating alert	✓
Third rear camera resolution (numeric)	2 MP		

Camera		Multimedia	
Fourth rear camera resolution (numeric)	50 MP	Speakers	Mono
Rear camera aperture number	1.8	Audio formats supported	3GA, AAC, AMR, AWB, FLAC, IMY, M4A, Mid, MIDI, MP3, MXMF, OGA, OGG, OTA, RTTTL, RTX, WAV, XMF
Second rear camera aperture number	2.2	Video formats supported	3G2, 3GP, AVI, FLV, M4V, MKV, MP4, WEBM
Third rear camera aperture number	2.4	Software	
Digital zoom	10x	Platform *	Android
Front camera type *	Single camera	Battery	
Front camera resolution (numeric) *	13 MP	Removable battery	✗
Front camera aperture number	2	Battery capacity *	5000 mAh
Rear camera flash *	✓	Wireless video playback time	18 h
Video capture resolution (max)	1920 x 1080 pixels	Sensors	
Maximum frame rate	30 fps	Proximity sensor	✓
Rear camera type *	Triple camera	Accelerometer	✓
Auto focus	✓	Ambient light sensor	✓
Zoom capability	✓	Geomagnetic sensor	✓
Slow motion mode	✓	Power	
Slow motion rate	120fps @HD	USB Type-C charging port *	✓
Network		USB Power Delivery (USB PD)	✓
SIM card capability *	Dual SIM	USB Type-C required charging power (min) *	10 W
Mobile network generation *	4G	USB Type-C required charging power (max) *	25 W
SIM card type *	NanoSIM	Endurance	
2G standards	GSM	Energy efficiency class *	B
3G standards *	WCDMA	Energy efficiency scale	A to G
4G standard *	LTE-TDD & LTE-FDD	Battery endurance per cycle *	2710 min
5G standard *	Not supported	Battery endurance in cycles *	1200
Top Wi-Fi standard *	Wi-Fi 5 (802.11ac)	Repeated free fall reliability class *	B
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac)	Repairability class *	C
Bluetooth *	✓	International Protection (IP) code *	IP54
Bluetooth version	5.3	Weight & dimensions	
2G bands (primary SIM)	850,1900,1800,900 MHz	Width	77.9 mm
3G bands supported	2100,900,850 MHz	Depth	7.9 mm
4G bands supported	2100,700,800,850,1800,2300,2600,900,2500 MHz	Height	164.4 mm
Wi-Fi Direct	✓	Weight *	200 g
Near Field Communication (NFC)	✓	Certificates	
Subscription		Head SAR (EU)	0.312 W/kg
Subscription type *	No subscription	Body SAR (EU)	1.083 W/kg
Ports & interfaces		Other features	
USB port	✓	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
USB connector type	USB Type-C		
USB version	2.0		
Headphone connectivity	USB Type-C	Repairability index	8.3
		Technical details	
		Security update term	30 November 2030



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