

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

Brand : Samsung

Product family: Galaxy

Product code: SM-A165FZABEUB

Product name : Galaxy A16

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

SM-A165FZABEUB

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: Grey. Weight: 200 g



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

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 *	✓	Browsing time (Wi-Fi)	18 h
Video capture resolution (max)	1920 x 1080 pixels	Browsing time (4G)	19 h
Maximum frame rate	30 fps	Wireless video playback time	18 h
Rear camera type *	Triple camera	Sensors	
Auto focus	✓	Proximity sensor	✓
Zoom capability	✓	Accelerometer	✓
Slow motion mode	✓	Ambient light sensor	✓
Slow motion rate	120fps @HD	Geomagnetic sensor	✓
Network		Power	
SIM card capability *	Dual SIM	USB Type-C charging port *	✓
Mobile network generation *	4G	Endurance	
SIM card type *	NanoSIM	Energy efficiency class *	B
2G standards	GSM	Energy efficiency scale	A to G
3G standards *	WCDMA	Battery endurance per cycle *	2710 min
4G standard *	LTE-TDD & LTE-FDD	Battery endurance in cycles *	1200
5G standard *	Not supported	Repeated free fall reliability class *	B
Top Wi-Fi standard *	Wi-Fi 5 (802.11ac)	Repairability class *	C
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac)	International Protection (IP) code *	IP54
Bluetooth *	✓	Weight & dimensions	
Bluetooth version	5.3	Width	77.9 mm
2G bands (primary SIM)	850,1900,1800,900 MHz	Depth	7.9 mm
3G bands supported	2100,900,850 MHz	Height	164.4 mm
4G bands supported	2100,700,800,850,1800,2300,2600,900,2500 MHz	Weight *	200 g
Wi-Fi Direct	✓	Certificates	
Near Field Communication (NFC)	✓	Head SAR (EU)	0.312 W/kg
Subscription		Body SAR (EU)	1.083 W/kg
Subscription type *	No subscription	Other features	
Ports & interfaces		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 port	✓		
USB connector type	USB Type-C		
USB version	2.0	Repairability index	8.3
		Technical details	
		Security update term	30 November 2030



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