

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

Brand : Samsung

Product family: Galaxy

Product code: SM-A165FLGBEUB

Product name : A16

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

SM-A165FLGBEUB

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: Green. Weight: 200 g



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

Camera		Multimedia	
Fourth rear camera resolution (numeric)	50 MP	Audio formats supported	3GA, AAC, AMR, AWB, FLAC, IMY, M4A, Mid, MIDI, MP3, MXMF, OGA, OGG, OTA, RTTTL, RTX, WAV, XMF
Rear camera aperture number	1.8	Video formats supported	3G2, 3GP, AVI, FLV, M4V, MKV, MP4, WEBM
Second rear camera aperture number	2.2	Software	
Third rear camera aperture number	2.4	Platform *	Android
Digital zoom	10x	Battery	
Front camera type *	Single camera	Removable battery	✗
Front camera resolution (numeric) *	13 MP	Battery capacity *	5000 mAh
Front camera aperture number	2	Browsing time (Wi-Fi)	18 h
Rear camera flash *	✓	Browsing time (4G)	19 h
Video capture resolution (max)	1920 x 1080 pixels	Wireless video playback time	18 h
Maximum frame rate	30 fps	Sensors	
Rear camera type *	Triple camera	Proximity sensor	✓
Auto focus	✓	Accelerometer	✓
Zoom capability	✓	Ambient light sensor	✓
Slow motion mode	✓	Geomagnetic sensor	✓
Slow motion rate	120fps @HD	Power	
Network		USB Type-C charging port *	✓
SIM card capability *	Dual SIM	USB Power Delivery (USB PD)	✓
Mobile network generation *	4G	USB Type-C required charging power (min) *	10 W
SIM card type *	NanoSIM	USB Type-C required charging power (max) *	25 W
2G standards	GSM	Endurance	
3G standards *	WCDMA	Energy efficiency class *	B
4G standard *	LTE-TDD & LTE-FDD	Energy efficiency scale	A to G
5G standard *	Not supported	Battery endurance per cycle *	2710 min
Top Wi-Fi standard *	Wi-Fi 5 (802.11ac)	Battery endurance in cycles *	1200
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac)	Repeated free fall reliability class *	B
Bluetooth *	✓	Repairability class *	C
Bluetooth version	5.3	International Protection (IP) code *	IP54
2G bands (primary SIM)	850,1900,1800,900 MHz	Weight & dimensions	
3G bands supported	2100,900,850 MHz	Width	77.9 mm
4G bands supported	2100,700,800,850,1800,2300,2600,900,2500 MHz	Depth	7.9 mm
Wi-Fi Direct	✓	Height	164.4 mm
Near Field Communication (NFC)	✓	Weight *	200 g
Subscription		Certificates	
Subscription type *	No subscription	Head SAR (EU)	0.312 W/kg
Ports & interfaces		Body SAR (EU)	1.083 W/kg
USB port	✓	Packaging content	
USB connector type	USB Type-C	AC adapter included *	✗
USB version	2.0	Other features	
Headphone connectivity	USB Type-C	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
Mobile High-Definition Link (MHL)	✗	Repairability index	8.3

Technical details

Security update term

30 November 2030



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Catalog Object Cloud



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