

Samsung Galaxy A16 17 cm (6.7") Hybrid Dual SIM 4G USB Type-C
8 GB 256 GB 5000 mAh Green

Brand : Samsung Product family: Galaxy Product code: SM-A165FLGCEUB

Product name : Galaxy A16

Samsung Galaxy A16 . Display diagonal: 17 cm (6.7"), Display resolution: 1080 x 2340 pixels. Processor frequency: 2 GHz. RAM capacity: 8 GB, Internal storage capacity: 256 GB. Rear camera resolution (numeric): 50 MP, Rear camera type: Triple camera. SIM card capability: Hybrid Dual SIM. Battery capacity: 5000 mAh. Product colour: Green. Weight: 200 g



Display		Subscription	
Display diagonal *	17 cm (6.7")	Subscription type *	No subscription
Display technology marketing name	Super AMOLED	Ports & interfaces	
Panel type	AMOLED	USB port	✓
Display resolution *	1080 x 2340 pixels	USB connector type	USB Type-C
Display number of colours	16 million colours	USB version	2.0
Processor		Headphone connectivity	USB Type-C
Processor cores	8	Messaging	
Processor boost frequency	2.2 GHz	Short Message Service (SMS)	✓
Processor frequency *	2 GHz	E-mail	✓
Storage		Navigation	
User memory	236 GB	GPS (satellite)	✓
RAM capacity *	8 GB	GLONASS	✓
Internal storage capacity *	256 GB	BeiDou	✓
Compatible memory cards *	MicroSD (TransFlash)	Galileo	✓
Maximum memory card size	1.5 TB	Quasi-Zenith Satellite System (QZSS)	✓
Camera		Position location *	✓
Rear camera resolution (numeric) *	50 MP	Design	
Second rear camera resolution (numeric)	5 MP	Form factor *	Bar
Third rear camera resolution (numeric)	2 MP	Product colour *	Green
Rear camera aperture number	1.8	Performance	
Second rear camera aperture number	2.2	Video call	✓
Third rear camera aperture number	2.4	Fingerprint reader	✓
Digital zoom	10x	Speakerphone	✓
Front camera type *	Single camera	Vibrating alert	✓
Front camera resolution (numeric) *	13 MP		
Front camera aperture number	2		

Camera		Multimedia	
Rear camera flash *	✓	Speakers	Mono
Video capture resolution (max)	1920 x 1080 pixels	Audio formats supported	3GA, AAC, AMR, AWB, FLAC, IMY, M4A, Mid, MIDI, MP3, MXMF, OGA, OGG, OTA, RTTTL, RTX, WAV, XMF
Maximum frame rate	120 fps	Video formats supported	3G2, 3GP, AV1, FLV, M4V, MKV, MP4, WEBM
Rear camera type *	Triple camera		
Auto focus	✓		
Slow motion mode	✓		
Slow motion rate	120fps @HD		
Network		Software	
SIM card capability *	Hybrid Dual SIM	Platform *	Android
Mobile network generation *	4G		
SIM card type *	NanoSIM		
3G standards *	UMTS, 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		
3G bands supported	850,900,2100 MHz		
4G bands supported	700,800,850,900,1800,2100,2300,2500,2600 MHz		
Wi-Fi Direct	✓		
Near Field Communication (NFC)	✓		
		Battery	
		Removable battery	✗
		Battery capacity *	5000 mAh
		Browsing time (Wi-Fi)	18 h
		Browsing time (4G)	19 h
		Wireless video playback time	18 h
		Sensors	
		Proximity sensor	✓
		Accelerometer	✓
		Ambient light sensor	✓
		Geomagnetic sensor	✓
		Endurance	
		Energy efficiency class *	B
		Energy efficiency scale	A to G
		Battery endurance per cycle *	2710 min
		Battery endurance in cycles *	1200
		Repeated free fall reliability class *	B
		Repairability class *	C
		International Protection (IP) code *	IP54
		Weight & dimensions	
		Width	77.9 mm
		Depth	7.9 mm
		Height	164.4 mm
		Weight *	200 g
		Other features	
		Repairability index	8.3



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