

Samsung Galaxy A16 5G 17 cm (6.7") Hybrid Dual SIM Android 14
USB Type-C 4 GB 128 GB 5000 mAh Dark Blue

Brand : Samsung Product family: Galaxy Product code: SM-A166BZKDEUB

Product name : A16 5G



Samsung Galaxy A16 5G. Display diagonal: 17 cm (6.7"), Display resolution: 1080 x 2340 pixels. Processor frequency: 2.4 GHz. RAM capacity: 4 GB, Internal storage capacity: 128 GB. Rear camera resolution (numeric): 50 MP, Rear camera type: Triple camera. SIM card capability: Hybrid Dual SIM. Operating system installed: Android 14. Battery capacity: 5000 mAh. Product colour: Dark Blue. Weight: 200 g

Display		Network	
Display diagonal *	17 cm (6.7")	Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac)
Screen shape	Flat	Bluetooth *	✓
Display technology marketing name	Super AMOLED	Bluetooth version	5.3
Panel type	AMOLED	Wi-Fi Direct	✓
Display resolution *	1080 x 2340 pixels	Near Field Communication (NFC)	✓
Display number of colours	16 million colours	Subscription	
Maximum refresh rate	90 Hz	Subscription type *	No subscription
Rounded display corners	✓	Ports & interfaces	
Processor		USB port *	✓
Processor cores	8	USB connector type	USB Type-C
Processor frequency *	2.4 GHz	USB version	2.0
Storage		Design	
User memory	109.3 GB	Form factor *	Bar
RAM capacity *	4 GB	Product colour *	Dark Blue
Internal storage capacity *	128 GB	Colour name	Blue Black
Compatible memory cards *	MicroSD (TransFlash)	International Protection (IP) code	IP54
Maximum memory card size	1.5 TB	Performance	
Camera		Fingerprint reader	✓
Rear camera resolution (numeric) *	50 MP	Navigation	
Second rear camera resolution (numeric)	5 MP	GPS (satellite)	✓
Third rear camera resolution (numeric)	2 MP	GLONASS	✓
Rear camera aperture number	1.8	BeiDou	✓
Second rear camera aperture number	2.2	Galileo	✓
Third rear camera aperture number	2.4	Quasi-Zenith Satellite System (QZSS)	✓
Digital zoom	10x	Position location *	✓
Front camera type *	Single camera	Multimedia	
Front camera resolution (numeric) *	13 MP	Audio formats supported	3GA, AAC, AMR, AWB, FLAC, IMY, Mid, MIDI, MXMF, OGA, OGG, OTA, RTTTL, RTX, WAV, XMF
Front camera aperture number	2	Video formats supported	3G2, 3GP, AVI, FLV, M4V, MKV, MP4, WEBM
Rear camera flash *	✓	Software	
Front camera flash	✗	Platform *	Android
Video capture resolution (max)	1920 x 1080 pixels	Operating system installed *	Android 14
Maximum frame rate	30 fps	Battery	
Resolution at capture speed	1920x1080@30fps	Battery capacity *	5000 mAh
Rear camera type *	Triple camera		
Auto focus	✓		
Image stabilizer	✓		
Slow motion mode	✓		

Camera		Battery	
Slow motion rate	120fps @HD	Browsing time (Wi-Fi)	16 h
Network		Browsing time (4G)	15 h
SIM card capability *	Hybrid Dual SIM	Continuous video playback time	18 h
Mobile network generation *	5G	Wireless audio playback time	79 h
SIM card type *	NanoSIM	Sensors	
3G standards *	UMTS	Proximity sensor	✓
4G standard *	LTE-TDD & LTE-FDD	Accelerometer	✓
5G standard *	Sub6 FDD, Sub6 TDD	Ambient light sensor	✓
Top Wi-Fi standard *	Wi-Fi 5 (802.11ac)	Gyroscope	✓
		Magnetic sensor	✓
		Weight & dimensions	
		Width	77.9 mm
		Depth	7.9 mm
		Height	164.4 mm
		Weight *	200 g
		Technical details	
		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	
		Pre-installed applications	



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