

Samsung Galaxy A16 5G 17 cm (6.7") 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 : Galaxy A16 5G



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

SM-A166BZKDEUB

Samsung Galaxy A16 5G. 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. Operating system installed: Android 14. Battery capacity: 5000 mAh. Product colour: Dark Blue. Weight: 200 g

Display		Ports & interfaces	
Display diagonal *	17 cm (6.7")	USB port	✓
Screen shape	Flat	USB connector type	USB Type-C
Display technology marketing name	Super AMOLED	USB version	2.0
Panel type	AMOLED	Headphone connectivity	USB Type-C
Display resolution *	1080 x 2340 pixels	Mobile High-Definition Link (MHL)	✗
Display number of colours	16 million colours	Navigation	
Maximum refresh rate	90 Hz	GPS (satellite)	✓
Rounded display corners	✓	GLONASS	✓
Processor		BeiDou	✓
Processor cores	8	Galileo	✓
Processor boost frequency	2.4 GHz	Quasi-Zenith Satellite System (QZSS)	✓
Processor frequency *	2 GHz	Position location *	✓
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)	Performance	
Maximum memory card size	1.5 TB	Fingerprint reader	✓
Memory card slot type	Hybrid slot	Hearing aid compatibility	✓
Camera		Multimedia	
Rear camera resolution (numeric) *	50 MP	Speakers	Mono
Second rear camera resolution (numeric)	5 MP	Audio formats supported	3GA, AAC, AMR, AWB, FLAC, IMY, M4A, Mid, MIDI, MP3, MXMF, OGA, OGG, OTA, RTTTL, RTX, WAV, XMF
Third rear camera resolution (numeric)	2 MP	Video formats supported	3G2, 3GP, AVI, FLV, M4V, MKV, MP4, WEBM
Fourth rear camera resolution (numeric)	50 MP	Software	
Rear camera aperture number	1.8	Platform *	Android
Second rear camera aperture number	2.2	Operating system installed *	Android 14
Third rear camera aperture number	2.4	Battery	
Digital zoom	10x	Removable battery	✗
Front camera type *	Single camera	Battery capacity *	5000 mAh
Front camera resolution (numeric) *	13 MP	Browsing time (Wi-Fi)	16 h
Front camera aperture number	2		
Rear camera flash *	✓		
Front camera flash	✗		

Camera		Battery	
Video capture resolution (max)	1920 x 1080 pixels	Browsing time (4G)	15 h
Maximum frame rate	30 fps	Continuous video playback time	18 h
Resolution at capture speed	1920x1080@30fps	Wireless audio playback time	79 h
Rear camera type *	Triple camera	Wireless video playback time	18 h
Auto focus	✓	Sensors	
Zoom capability	✓	Proximity sensor	✓
Image stabilizer	✓	Accelerometer	✓
Slow motion mode	✓	Ambient light sensor	✓
Slow motion rate	120fps @HD	Gyroscope	✓
Network		Magnetic sensor	✓
SIM card capability *	Dual SIM	Geomagnetic sensor	✓
Mobile network generation *	5G	Power	
SIM card type *	NanoSIM	USB Type-C charging port *	✓
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 *	Sub6 TDD	Battery endurance per cycle *	2610 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	2100,900,1900,850,1700 MHz	Width	77.9 mm
4G bands supported	2100,700,800,1900,850,1800,2300,2600,900,1700,2500 MHz	Depth	7.9 mm
5G bands supported	2100,700,800,1800,2600,900,2300,2500,3700,3500 MHz	Height	164.4 mm
Wi-Fi Direct	✓	Weight *	200 g
Near Field Communication (NFC)	✓	Other features	
Subscription		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	
Subscription type *	No subscription	Repairability index	8.4
		Technical details	
		Pre-installed applications	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
		Security update term	31 October 2030



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Catalog Object Cloud



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