

Samsung Galaxy SM-A166B/DS 17 cm (6.7") Dual SIM Android 14
5G USB Type-C 4 GB 128 GB 5000 mAh White

Brand : Samsung Product family: Galaxy Product code: SM-A166BZADEUE

Product name : SM-A166B/DS



Samsung Galaxy SM-A166B/DS. 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: Dual SIM. Operating system installed: Android 14. Battery capacity: 5000 mAh. Product colour: White. Weight: 200 g

Display		Network	
Display diagonal *	17 cm (6.7")	5G standard *	Sub6 FDD, Sub6 TDD
Screen shape	Flat	Top Wi-Fi standard *	Wi-Fi 5 (802.11ac)
Display technology marketing name	Super AMOLED	Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac)
Panel type	AMOLED	Bluetooth *	✓
Display resolution *	1080 x 2340 pixels	Bluetooth version	5.3
Display number of colours	16 million colours	Wi-Fi Direct	✓
Maximum refresh rate	90 Hz	Near Field Communication (NFC)	✓
Processor		Subscription	
Processor cores	8	Subscription type *	No subscription
Processor frequency *	2.4 GHz		
Storage		Ports & interfaces	
User memory	109.3 GB	USB port *	✓
RAM capacity *	4 GB	USB connector type	USB Type-C
Internal storage capacity *	128 GB	USB version	2.0
Compatible memory cards *	MicroSD (TransFlash)		
Maximum memory card size	1.5 TB	Design	
Camera		Form factor *	Bar
Rear camera resolution (numeric) *	50 MP	Product colour *	White
Second rear camera resolution (numeric)	5 MP	Performance	
Third rear camera resolution (numeric)	2 MP	Fingerprint reader	✓
Rear camera aperture number	1.8	Navigation	
Second rear camera aperture number	2.2	GPS (satellite)	✓
Third rear camera aperture number	4	GLONASS	✓
Digital zoom	10x	BeiDou	✓
Front camera type *	Single camera	Galileo	✓
Front camera resolution (numeric) *	13 MP	Quasi-Zenith Satellite System (QZSS)	✓
Front camera aperture number	2	Position location *	✓
Rear camera flash *	✓	Multimedia	
Front camera flash	✗	Audio formats supported	3GA, AAC, AMR, AWB, FLAC, IMY, M4A, Mid, MIDI, MP3, MXMF, OGA, OGG, OTA, RTTTL, RTX, WAV, XMF
Video capture resolution (max)	1920 x 1080 pixels	Video formats supported	3G2, 3GP, AV1, FLV, M4V, MKV, MP4, WEBM
Maximum frame rate	30 fps	Software	
Resolution at capture speed	1920x1080@30fps	Platform *	Android
Rear camera type *	Triple camera	Operating system installed *	Android 14
Auto focus	✓		
Image stabilizer	✓		
Slow motion mode	✓		

Network		Battery	
SIM card capability *	Dual SIM	Battery capacity *	5000 mAh
Mobile network generation *	5G	Browsing time (Wi-Fi)	16 h
SIM card type *	NanoSIM	Browsing time (4G)	15 h
3G standards *	UMTS	Continuous video playback time	18 h
4G standard *	LTE-TDD & LTE-FDD	Wireless audio playback time	79 h
		Sensors	
		Proximity sensor	✓
		Accelerometer	✓
		Ambient light sensor	✓
		Gyroscope	✓
		Magnetic sensor	✓
		Weight & dimensions	
		Width	77.9 mm
		Depth	7.9 mm
		Height	164.4 mm
		Weight *	200 g

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