

## Samsung Galaxy A13 16,8 cm (6.6") Dual SIM Android 12 4G USB Type-C 4 GB 64 GB 5000 mAh Black



**Brand :** Samsung

**Product family:** Galaxy

**Product code:** SM-A137FZKVEUE

**Product name :** A13

Samsung Galaxy A13 . Display diagonal: 16,8 cm (6.6"), Display resolution: 2408 x 1080 pixels, Display type: TFT-LCD. Processor frequency: 2 GHz, Processor family: MediaTek, Processor model: Helio G80 (MT6769V). RAM capacity: 4 GB, Internal storage capacity: 64 GB. Rear camera resolution (numeric): 50 MP, Rear camera type: Quad camera. SIM card capability: Dual SIM. Operating system installed: Android 12. Battery capacity: 5000 mAh. Product colour: Black. Weight: 195 g

Display		Network	
Display diagonal *	16,8 cm (6.6")	Wi-Fi *	✓
Display type	TFT-LCD	Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac)
Display glass type	Gorilla Glass	Bluetooth *	✓
Gorilla Glass version	Gorilla Glass 5	Bluetooth version	5.0
Display resolution *	2408 x 1080 pixels	Wi-Fi Direct	✓
Display number of colours	16 million colours	Near Field Communication (NFC)	✓
Contrast ratio (typical)	1200:1		
Native aspect ratio	20:9	Ports & interfaces	
Display brightness	480 cd/m <sup>2</sup>	USB port *	✓
High Dynamic Range (HDR) supported	✓	USB connector type	USB Type-C
Pixel density	401 ppi	USB version	2.0
		Headphone connectivity	3.5 mm
Processor		Messaging	
Processor frequency *	2 GHz	Short Message Service (SMS)	✓
Processor family *	MediaTek	Multimedia Messaging Service (MMS)	✓
Processor model *	Helio G80 (MT6769V)	E-mail	✓
Processor cores	8		
Storage		Design	
RAM capacity *	4 GB	Form factor *	Bar
Internal storage capacity *	64 GB	Product colour *	Black
Compatible memory cards *	MicroSD (TransFlash)	Housing material	Polycarbonate (PC)
Maximum memory card size	1000 GB		
Camera		Performance	
Rear camera resolution (numeric) *	50 MP	Fast charging	✓
Second rear camera resolution (numeric)	5 MP	Fingerprint reader	✓
Third rear camera resolution (numeric)	2 MP	Face recognition	✓
Fourth rear camera resolution (numeric)	2 MP	USB On-The-Go support	✓
Rear camera resolution	6120 x 8160 pixels	Navigation	
Rear camera aperture number	1,8	GPS (satellite)	✓
Second rear camera aperture number	2,2	GLONASS	✓
Third rear camera aperture number	2,4	BeiDou	✓
Fourth rear camera aperture number	2,4	Galileo	✓
Digital zoom	10x	Quasi-Zenith Satellite System (QZSS)	✓
Front camera type *	Single camera	Position location *	✓
Front camera resolution (numeric) *	8 MP	Multimedia	
Front camera aperture number	2,2	Speakers	stereo
Rear camera flash *	✓	Audio system	Dolby Atmos
Flash type	LED	Audio formats supported	3GA, AAC, AMR, FLAC, IMY, M4A, Mid, MIDI, MP3, MXMF, OGA, OGG, OTA, RTTTL, RTX, WAV, WMA, XMF
Video capture resolution (max)	1920 x 1080 pixels	Video formats supported	3G2, 3GP, ASF, AVI, FLV, M4V, MKV, MP4, WEBM, WMV

Camera		Software	
Maximum frame rate	30 fps	Platform *	Android
Resolution at capture speed	1280x720@30fps, 1920x1080@30fps	Operating system installed *	Android 12
Rear camera type *	Quad camera	Operating system fork	One UI 4.1
Auto focus	✓	Google applications	Gmail, Google Chrome, Google Drive, Google Maps, Google Photos, Google Play, YouTube
Night mode	✓		
Panorama	✓		
Network		Battery	
SIM card capability *	Dual SIM	Battery technology	Lithium-Ion (Li-Ion)
Mobile network generation *	4G	Battery capacity *	5000 mAh
SIM card type *	NanoSIM	Sensors	
3G standards *	HSDPA, HSPA+, HSUPA, UMTS	Proximity sensor	✓
4G standard *	LTE-TDD & LTE-FDD	Accelerometer	✓
Voice over LTE (VoLTE) supported	✓	Ambient light sensor	✓
		Geomagnetic sensor	✓
		Weight & dimensions	
		Width	76,4 mm
		Depth	8,8 mm
		Height	165,1 mm
		Weight *	195 g
		Packaging content	
		Quick start guide	✓
		Cables included	USB Type-C
		SIM card ejector pin	✓
		Other features	
		Touchscreen	✓



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