SAMSUNG

Samsung Galaxy A27 5G 17 cm (6.7") Dual SIM Android 16.0 USB Type-C 8 GB 256 GB 5000 mAh Blue



Brand : Samsung

Product family: Galaxy

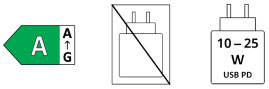
Product code: SM-A276BZBCEUB

Product name : A27 5G

- Awesome Design
- Awesome Camera
- Awesome Intelligence

Samsung Galaxy A27 5G. Display diagonal: 17 cm (6.7"), Display resolution: 1080 x 2340 pixels. Processor frequency: 1.8 GHz, Processor family: Snapdragon, Processor model: 6 Gen 3. RAM capacity: 8 GB, Internal storage capacity: 256 GB. Rear camera resolution (numeric): 50 MP, Rear camera type: Triple camera. SIM card capability: Dual SIM. Operating system installed: Android 16.0. Battery capacity: 5000 mAh. Product colour: Blue. Weight: 200 g





Display	
Display diagonal *	17 cm (6.7")
Screen shape	Flat
Display technology marketing name	Super AMOLED
Display glass type	Gorilla Glass
Gorilla Glass version	Gorilla Glass Victus
Display resolution *	1080 x 2340 pixels
Display number of colours	16 million colours
Maximum refresh rate	120 Hz
Pixel density	387 ppi

Processor	
Processor family *	Snapdragon
Processor model *	6 Gen 3
Processor architecture	ARM Cortex-A78+Cortex-A55
Processor cores	8
Processor frequency *	1.8 GHz
Processor boost frequency	2.4 GHz

Storage	
User memory	231.5 GB
RAM capacity *	8 GB
Internal storage capacity *	256 GB
Compatible memory cards *	MicroSD (TransFlash)
Maximum memory card size	2 TB
Memory card slot type	Hybrid slot

Network	
5G standard *	Sub6 TDD
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	5.1
2G bands (primary SIM)	850,1900,1800,900 MHz
3G bands supported	2100,900,1900,850,1700 MHz
4G bands supported	2100,700,800,1900,850,1800,1500,2300,2600,900,1700,2500 MHz
5G bands supported	2100,700,800,850,1800,2600,900,1700,2300,2500,3700,3500 MHz
Wi-Fi Direct	✔
Near Field Communication (NFC)	✔

Ports & interfaces	
USB connector type	USB Type-C
USB version	2.0
Headphone connectivity	USB Type-C
Mobile High-Definition Link (MHL)	✘

Navigation	
GPS (satellite)	✔
GLONASS	✔
BeiDou	✔
Galileo	✔
Quasi-Zenith Satellite System (QZSS)	✔
Position location *	✔

Camera	
Rear camera sensor size	1/2.76"
Second rear camera sensor size	1/5"
Third rear camera sensor size	1/5"
Rear camera resolution (numeric) *	50 MP
Second rear camera resolution (numeric)	5 MP
Third rear camera resolution (numeric)	2 MP
Fourth rear camera resolution (numeric)	50 MP
Rear camera aperture number	1.8
Second rear camera aperture number	2.2
Third rear camera aperture number	2.4
Rear camera pixel size	0.64 µm
Rear camera pixel size (Quad Pixel technology)	1.12 µm
Third rear camera pixel size (Quad Pixel technology)	1.75 µm
Rear camera field of view (FOV) angle	77°
Second rear camera field of view (FOV) angle	115°
Third rear camera field of view (FOV) angle	89°
Digital zoom	10x
Front camera type *	Single camera
Front camera sensor size	1/3.2"
Front camera resolution (numeric) *	12 MP
Front camera aperture number	2.2
Front camera pixel size	1.2 µm
Front camera field of view (FOV) angle	81°
Rear camera flash *	✔
Flash type	LED
Video capture resolution (max)	3840 x 2160 pixels
Maximum frame rate	30 fps
Resolution at capture speed	3840x2160@30fps, 1920x1080@60fps, 1920x1080@30fps, 1280x720@30fps
Rear camera type *	Triple camera
Auto focus	✔
Zoom capability	✔
Image stabilizer	✔
Image stabilizer type	Optical Image Stabilization (OIS)
Night mode	✔
Panorama	✔
Portrait mode	✔
Macro photography	✔
Slow motion mode	✔
Slow motion rate	240fps @HD

Network	
SIM card capability *	Dual SIM
Mobile network generation *	5G
SIM card type *	NanoSIM
2G standards	GSM
3G standards *	WCDMA
4G standard *	LTE-TDD & LTE-FDD

Design	
Form factor *	Bar
Product colour *	Blue

Performance	
Fast charging	✔
Fingerprint reader	✔
Hearing aid compatibility	✔

Multimedia	
Speakers	Mono
Audio formats supported	3GA, AAC, AMR, AWB, FLAC, IMY, M4A, Mid, MIDI, MP3, MXMF, OGA, OGG, OTA, RTTTL, RTX, WAV, XMF
Video formats supported	3G2, 3GP, AVI, FLV, M4V, MKV, MP4, WEBM

Software	
Platform *	Android
Operating system installed *	Android 16.0

Battery	
Battery recharge time	1.4 h
Removable battery	✘
Battery endurance in cycles *	1200
Battery capacity *	5000 mAh
Continuous video playback time (max)	23 h

Sensors	
Proximity sensor	✔
Accelerometer	✔
Ambient light sensor	✔
Gyroscope	✔
Geomagnetic sensor	✔

Power	
USB Type-C charging port *	✔
USB Type-C required charging power (min) *	10 W
USB Type-C required charging power (max) *	25 W

Endurance	
Energy efficiency class *	A
Energy efficiency scale	A to G
Battery endurance per cycle *	3066 min
Repeated free fall reliability class *	B
Repairability class *	C
International Protection (IP) code *	IP64

Weight & dimensions	
Width	78.2 mm
Depth	7.8 mm
Height	162.4 mm
Weight *	200 g

Packaging content	
AC adapter included *	✘
Cables included	USB Type-C to USB Type-C
SIM card ejector pin	✔

Other features	
Compatibility	Galaxy Ring, Galaxy Buds Core, Galaxy Buds4 Pro, Galaxy Buds3 Pro, Galaxy Buds2 Pro, Galaxy Buds Pro, Galaxy Buds Live, Galaxy Buds+, Galaxy Buds4, Galaxy Buds3, Galaxy Buds2, Galaxy Buds, Galaxy Buds3 FE, Galaxy Buds FE, Galaxy Fit3, Galaxy Fit2, Galaxy Watch FE, Galaxy Watch Ultra, Galaxy Watch8, Galaxy Watch7, Galaxy Watch6, Galaxy Watch5, Galaxy Watch4, Galaxy Watch3, Galaxy Watch, Galaxy Watch Active2, Galaxy Watch Active
Technical details	
Security update term	31 July 2032

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