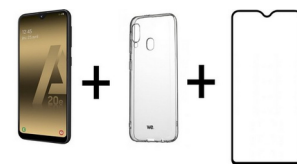


Samsung Galaxy A20e SM-A202F 14.7 cm (5.8") Dual SIM Android 9.0 4G USB Type-C 3 GB 32 GB 3000 mAh White



Brand : Samsung

Product family: Galaxy

Product code: GALA20BUN01

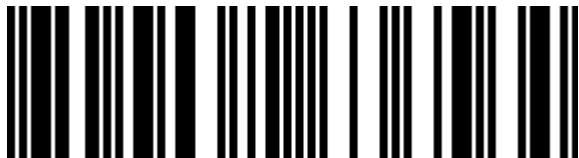
Product name : SM-A202F

Samsung Galaxy A20e SM-A202F. Display diagonal: 14.7 cm (5.8"), Display resolution: 1560 x 720 pixels. Processor frequency: 1.6 GHz, Processor family: Samsung Exynos, Processor model: 7884B. RAM capacity: 3 GB, Internal storage capacity: 32 GB. Rear camera resolution (numeric): 13 MP, Rear camera type: Dual camera. SIM card capability: Dual SIM. Operating system installed: Android 9.0. Battery capacity: 3000 mAh. Product colour: White. Weight: 142 g



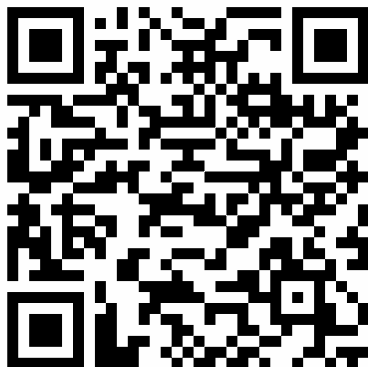
Display		Ports & interfaces	
Display diagonal *	14.7 cm (5.8")	USB port	✓
Screen shape	Flat	USB connector type	USB Type-C
Panel type	TFT	Headphone connectivity	3.5 mm
Display resolution *	1560 x 720 pixels	ANT+ enabled	✗
Display number of colours	16 million colours	Messaging	
Native aspect ratio	19.5:9	Short Message Service (SMS)	✓
High Dynamic Range (HDR) supported	✓	Multimedia Messaging Service (MMS)	✓
Touchscreen type	Capacitive	E-mail	✓
Pixel density	294 ppi	Navigation	
Rounded display corners	✓	GPS (satellite)	✓
Processor		GLONASS	✓
Processor family *	Samsung Exynos	BeiDou	✓
Processor model *	7884B	Galileo	✓
Processor cores	2	Position location *	✓
Processor frequency *	1.6 GHz	Wi-Fi positioning	✓
Coprocessor	✓	Design	
Coprocessor frequency	1.35 GHz	Form factor *	Bar
Coprocessor cores	6	Product colour *	White
Storage		Performance	
User memory	21.5 GB	Fast charging	✓
RAM capacity *	3 GB	Fingerprint reader	✓
Internal storage capacity *	32 GB	Speakerphone	✓
Compatible memory cards *	MicroSD (TransFlash)	Vibrating alert	✓
Maximum memory card size	512 GB	Multimedia	
USB mass storage	✓	Audio system	Dolby Atmos
Camera			
Rear camera resolution (numeric) *	13 MP		
Second rear camera resolution (numeric)	5 MP		
Rear camera aperture number	1.9		

Camera		Multimedia	
Second rear camera aperture number	2.2	Audio formats supported	3GA, AAC, AMR, AWB, FLAC, IMY, M4A, Mid, MIDI, MP3, MXMF, OGA, OGG, OTA, RTTTL, RTX, WAV, WMA, XMF
Digital zoom	4x		
Front camera type *	Single camera	Video formats supported	3G2, 3GP, ASF, AVI, FLV, M4V, MKV, MP4, WEBM, WMV
Front camera resolution (numeric) *	8 MP		
Front camera aperture number	2	Software	
Rear camera flash *	✓	Platform *	Android
Flash type	LED	Operating system installed *	Android 9.0
Video capture resolution (max)	1920 x 1080 pixels	App distribution platform	Google Play
Maximum frame rate	60 fps	Google applications	Gmail, Google Chrome, Google Maps, Google Photos, YouTube
Resolution at capture speed	1920x1080@60fps	Virtual assistant	Samsung Bixby
Video recording modes	1080p	Battery	
Rear camera type *	Dual camera	Battery capacity *	3000 mAh
Auto focus	✓	Talk time (3G) *	19 h
Geotagging	✓	Browsing time (Wi-Fi)	15 h
Network		Browsing time (3G)	13 h
SIM card capability *	Dual SIM	Browsing time (4G)	15 h
Mobile network generation *	4G	Continuous audio playback time	61 h
SIM card type *	NanoSIM	Continuous video playback time	14 h
3G standards *	HSDPA+	Sensors	
4G standard *	LTE-TDD & LTE-FDD	Proximity sensor	✓
Wi-Fi	✓	Accelerometer	✓
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n)	Ambient light sensor	✓
Bluetooth *	✓	Gyroscope	✓
Bluetooth version	5.0	Orientation sensor	✓
3G bands supported	850,900,1900,2100 MHz	Magnetic sensor	✓
4G bands supported	700,800,850,900,1800,1900,2100,2600 MHz	Geomagnetic sensor	✓
Tethering (modem-mode)	✓	Hall sensor	✓
Wi-Fi Direct	✓	Weight & dimensions	
Near Field Communication (NFC)	✓	Width	69.5 mm
Subscription		Depth	8.3 mm
Subscription type *	No subscription	Height	147.2 mm
		Weight *	142 g
		Certificates	
		Head SAR (EU)	0.498 W/kg
		Body SAR (EU)	1.303 W/kg
		Extremities SAR (EU)	2.65 W/kg
		Packaging content	
		Quick start guide	✓
		Screen protector	✓
		Protective case	✓
		Other features	
		Touchscreen	✓
		Repairability index	5.6



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