

Samsung Galaxy S20 Ultra 5G 17,5 cm (6.9") Android 10 USB Type-C 12 GB 128 GB 5000 mAh Black

Brand : Samsung

Product family: Galaxy

Product code: SM-G988BZKDEUA

Product name : S20 Ultra 5G

- Capture the world around you like never before
- Experience every moment in full, edge-to-edge clarity
- Speed, power and performance fit for the future
- Stay in charge longer than ever before
- Truly epic power for truly epic days
- Keep focused on what matters most to you

6.9", Quad HD+ (3200x1440) Dynamic AMOLED 120Hz, Exynos 990 Octa-Core 7nm, 108MP+12MP+48MP+TOF/40MP, 5G, Wi-Fi 6, 5000mAh, Android 10

Samsung Galaxy S20 Ultra 5G . Display diagonal: 17,5 cm (6.9"), Display resolution: 3200 x 1440 pixels. Processor frequency: 2,73 GHz, Processor family: Samsung Exynos, Processor model: 990. RAM capacity: 12 GB, RAM type: LPDDR5, Internal storage capacity: 128 GB. Rear camera resolution (numeric): 108 MP, Rear camera type: Quad camera. Operating system installed: Android 10. Battery capacity: 5000 mAh. Product colour: Black. Weight: 220 g



Display		Network	
Display diagonal *	17,5 cm (6.9")	Near Field Communication (NFC)	✓
Screen shape	Curved edge screen	Subscription	
Display technology marketing name	Dynamic AMOLED 2X	Subscription type *	No subscription
Panel type	OLED	Ports & interfaces	
Display glass type	Gorilla Glass	USB port	✓
Gorilla Glass version	Gorilla Glass 6	USB connector type	USB Type-C
Display resolution *	3200 x 1440 pixels	USB version	3.2 Gen 1 (3.1 Gen 1)
Display number of colours	16 million colours	ANT+ enabled	✓
Native aspect ratio	20:9	Messaging	
Maximum refresh rate	120 Hz	Short Message Service (SMS)	✓
Touch technology	Multi-touch	Multimedia Messaging Service (MMS)	✓
High Dynamic Range (HDR) supported	✓	Instant messaging (IM)	✓
High Dynamic Range (HDR) technology	High Dynamic Range 10+ (HDR10 Plus)	Chat	✓
Touchscreen type	Capacitive	E-mail	✓
Pixel density	511 ppi	Text prediction system	✓
Rounded display corners	✓	Navigation	
Processor		GPS (satellite)	✓
Processor family *	Samsung Exynos	GLONASS	✓
Processor model *	990	BeiDou	✓
Processor cores	8	Galileo	✓
Processor frequency *	2,73 GHz		
64-bit computing	✓		

Processor		Navigation	
Processor lithography	7 nm	Position location *	✓
Cores frequencies	2x 2.73GHz + 2x 2.5GHz + 4x 2.0GHz	Wi-Fi positioning	✓
Storage		Design	
RAM capacity *	12 GB	Form factor *	Bar
RAM type	LPDDR5	Product colour *	Black
Internal storage capacity *	128 GB	Colour name	Cosmic Black
Compatible memory cards *	MicroSD (TransFlash)	Protection features	Dust resistant, Water resistant
Maximum memory card size	1 TB	Performance	
USB mass storage	✓	Video call	✓
Camera		Fast charging	✓
Rear camera sensor size	1/1.33"	Wireless charging	✓
Rear camera resolution (numeric) *	108 MP	Fingerprint reader	✓
Second rear camera resolution (numeric)	12 MP	Face recognition	✓
Third rear camera resolution (numeric)	48 MP	Personal info management (PIM)	Alarm clock, Calculator, Calendar, Notes
Rear camera resolution	12000 x 9000 pixels	Speakerphone	✓
Rear camera aperture number	1,8	Flight mode	✓
Second rear camera aperture number	2,2	Personalization	Icons, Menu, Shortcuts
Third rear camera aperture number	3,5	Support for contact groups	✓
Fourth rear camera aperture number	1	Microphone mute	✓
Rear camera pixel size	0,8 µm	Themes	Wallpapers
Second rear camera pixel size	1,4 µm	USB On-The-Go support	✓
Third rear camera pixel size	0,8 µm	Vibrating alert	✓
Rear camera field of view (FOV) angle	79°	Multimedia	
Second rear camera field of view (FOV) angle	120°	Speakers	stereo
Third rear camera field of view (FOV) angle	24°	Supported video modes	720p, 1080p, 2160p, 4320p
Optical zoom	10x	Audio system	Dolby Atmos
Digital zoom	100x	Audio formats supported	3GA, AAC, AMR, APE, AWB, DFF, DSF, FLAC, IMY, M4A, Mid, MIDI, MP3, MXMF, OGA, OGG, OTA, RTTTL, RTX, WAV, WMA, XMF
Front camera type *	Single camera	Video formats supported	3G2, 3GP, ASF, AVI, FLV, M4V, MKV, MP4, WEBM, WMV
Front camera resolution (numeric) *	40 MP	Image formats supported	BMP, GIF, HEIF, JPEG, PNG, WBMP, WEBP
Front camera aperture number	2,2	Call management	
Front camera pixel size	0,7 µm	Call waiting	✓
Front camera field of view (FOV) angle	80°	Call divert	✓
Rear camera flash *	✓	Call hold	✓
Flash type	LED	Caller ID	✓
Video capture resolution (max)	7680 x 4320 pixels	Conference call	✓
Maximum frame rate	960 fps	Speed dialling	✓
Resolution at capture speed	1280x720@30fps, 1280x720@960fps, 1920x1080@240fps, 1920x1080@30fps, 1920x1080@60fps, 3840x2160@30fps, 3840x2160@60fps	Call timer	✓
Video recording modes	720p, 1080p, 2160p	Software	
Rear camera type *	Quad camera	Platform *	Android
Auto focus	✓	Operating system installed *	Android 10
Zoom capability	✓	App distribution platform	Google Play
3D depth rear camera	✓	Google applications	Google Maps, Google Play
Video recording	✓	Virtual assistant	Samsung Bixby
Video stabilizer	✓	Battery	
Image stabilizer	✓	Removable battery	✗
Geotagging	✓	Battery capacity *	5000 mAh
Multi-shot	✓	Talk time (4G)	25 h
		Browsing time (Wi-Fi)	18 h
		Browsing time (4G)	17 h

Camera		Sensors	
Self-timer	✓	Proximity sensor	✓
Night mode	✓	Accelerometer	✓
Network		Ambient light sensor	✓
Mobile network generation *	5G	Gyroscope	✓
SIM card type *	NanoSIM + eSIM	Orientation sensor	✓
2G standards	Edge, GPRS, GSM	Barometer	✓
3G standards *	HSDPA, HSPA+, HSUPA, UMTS	Geomagnetic sensor	✓
4G standard *	LTE	Hall sensor	✓
Wi-Fi	✓	Endurance	
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)	International Protection (IP) code *	IP68
Bluetooth *	✓	Weight & dimensions	
Bluetooth version	5.0	Width	76 mm
3G bands supported	850,900,1900,2100 MHz	Depth	8,8 mm
Tethering (modem-mode)	✓	Height	166,9 mm
Wi-Fi Direct	✓	Weight *	220 g
MIMO	✓	Certificates	
		Head SAR (EU)	0,66 W/kg
		Body SAR (EU)	1,557 W/kg
		Packaging content	
		AC adapter included *	✓
		Quick start guide	✓
		Warranty card	✓
		Cables included	USB Type-C
		Manual	✓
		SIM card ejector pin	✓
		Other features	
		Touchscreen	✓



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