



## Samsung Galaxy A51 Dual SIM 128GB 4GB RAM SM-A515F/DS

 Price: **277.00 €**
<https://www.mobileshop.eu/samsung/mobile-phones/galaxy-a51-dual-sim-128gb-4gb-ram-sm-a515f-ds-blue/>

<b>Network</b>	<b>Technology:</b>	GSM / HSPA / LTE
	<b>2G bands:</b>	GSM 850 / 900 / 1800 / 1900 SIM 1 & SIM 2
	<b>3G bands:</b>	HSDPA 850 / 900 / 1900 / 2100
	<b>Speed:</b>	HSPA, LTE-A
	<b>4G bands:</b>	LTE band 1(2100), 2(1900), 3(1800), 4(1700/2100), 5(850), 7(2600), 8(900), 12(700), 13(700), 17(700), 20(800), 26(850), 28(700), 38(2600), 40(2300), 41(2500), 66(1700/2100)
<b>Launch</b>	<b>Announced:</b>	2019, December
	<b>Status:</b>	Available. Released 2019, December
<b>Body</b>	<b>Dimensions:</b>	158.5 x 73.6 x 7.9 mm
	<b>Weight:</b>	172 g
	<b>Build:</b>	Glass front (Gorilla Glass 3), plastic back, plastic frame
	<b>SIM:</b>	Dual SIM (Nano-SIM, dual stand-by)
<b>Display</b>	<b>Type:</b>	Super AMOLED capacitive touchscreen, 16M colors
	<b>Size:</b>	6.5 inches, 102.0 cm <sup>2</sup> (~87.4% screen-to-body ratio)
	<b>Protection:</b>	Corning Gorilla Glass 3
	<b>Resolution:</b>	1080 x 2400 pixels, 20:9 ratio (~405 ppi density)
<b>Platform</b>	<b>OS:</b>	Android 10.0; One UI 2
	<b>Chipset:</b>	Exynos 9611 (10nm)
	<b>CPU:</b>	Octa-core (4x2.3 GHz Cortex-A73 & 4x1.7 GHz Cortex-A53)
	<b>GPU:</b>	Mali-G72 MP3
<b>Memory</b>	<b>Card slot:</b>	microSD, up to 1 TB (dedicated slot)
	<b>Internal:</b>	128 GB, 4 GB RAM
<b>Sound</b>	<b>Loudspeaker:</b>	Yes
	<b>3.5mm jack:</b>	Yes
		Active noise cancellation with dedicated mic
<b>Comms</b>	<b>WLAN:</b>	Wi-Fi 802.11 a/b/g/n/ac, dual-band, Wi-Fi Direct, hotspot
	<b>Bluetooth:</b>	5.0, A2DP, LE
	<b>GPS:</b>	Yes, with A-GPS, GLONASS, GALILEO, BDS
	<b>Radio:</b>	FM radio
	<b>USB:</b>	2.0, Type-C 1.0 reversible connector, USB On-The-Go
	<b>NFC:</b>	Yes
<b>Features</b>	<b>Sensors:</b>	Fingerprint (under display, optical), accelerometer, gyro, proximity, compass ANT+
		Non-removable Li-Po 4000 mAh battery
<b>Battery</b>	<b>Talk time:</b>	Up to 32 h (3G)
	<b>Music play:</b>	Up to 87 h
	<b>Charging:</b>	Fast battery charging (15W)
<b>Main Camera</b>	<b>Features:</b>	LED flash, panorama, HDR
	<b>Video:</b>	2160p@30fps, 1080p@30/60/120fps, gyro-EIS
	<b>Quad:</b>	48 MP, f/2.0, 26mm (wide), 1/2.0", 0.8µm, PDAF 12 MP, f/2.2, 13mm (ultrawide), 1.12µm 5 MP, f/2.4, 40mm (telephoto), dedicated macro camera 5 MP, f/2.2, (wide), 1/5.0", 1.12µm, depth sensor
<b>Selfie camera</b>	<b>Single:</b>	32 MP, f/2.2, 26mm (wide)
	<b>Video:</b>	1080p@30fps
	<b>Features:</b>	HDR