



## Samsung Galaxy A9 (2018) Dual SIM 128GB 6GB RAM SM-A920F/DS

 Price: **324.00 €**
<https://www.mobileshop.eu/samsung/mobile-phones/galaxy-a9-2018-dual-sim-128gb-6gb-ram-sm-a920f-ds-pink/>

<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>4G bands:</b>	LTE band 1(2100), 3(1800), 7(2600), 8(900), 20(800)
	<b>Speed:</b>	HSPA 42.2/5.76 Mbps, LTE-A (3CA) Cat9 450/50 Mbps
	<b>GPRS:</b>	Yes
	<b>EDGE:</b>	Yes
<b>Launch</b>	<b>Announced:</b>	2018, October
	<b>Status:</b>	Available. Released 2018, November
<b>Body</b>	<b>Dimensions:</b>	162.5 x 77 x 7.8 mm
	<b>Weight:</b>	183 g
	<b>SIM:</b>	Dual SIM (Nano-SIM, dual stand-by) Samsung Pay
<b>Display</b>	<b>Type:</b>	Super AMOLED capacitive touchscreen, 16M colors
	<b>Size:</b>	6.3 inches, 100.7 cm <sup>2</sup> (~80.5% screen-to-body ratio)
	<b>Resolution:</b>	1080 x 2220 pixels, 18.5:9 ratio (~392 ppi density)
	<b>Multitouch:</b>	Yes
<b>Platform</b>	<b>OS:</b>	Android 8.0 (Oreo)
	<b>Chipset:</b>	Qualcomm SDM660 Snapdragon 660
	<b>CPU:</b>	Octa-core (4x2.2 GHz Kryo 260 & 4x1.8 GHz Kryo 260)
	<b>GPU:</b>	Adreno 512
<b>Memory</b>	<b>Card slot:</b>	microSD, up to 512 GB (Dedicated slot)
	<b>Internal:</b>	128 GB, 6 GB RAM
<b>Sound</b>	<b>Alert types:</b>	Vibration; MP3, WAV ringtones
	<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, BDS, GALILEO
	<b>NFC:</b>	Yes
	<b>Radio:</b>	FM radio
	<b>USB:</b>	2.0, Type-C 1.0 reversible connector
<b>Features</b>	<b>Sensors:</b>	Fingerprint (rear-mounted), accelerometer, gyro, proximity, compass
	<b>Messaging:</b>	SMS (threaded view), MMS, Email, Push Email, IM
	<b>Browser:</b>	HTML5
<b>Battery</b>		ANT+, Fast battery charging, MP4/WMV/H.265 player, MP3/WAV/WMA/eAAC+/Flac player, Photo/video editor, Document viewer
<b>Main Camera</b>	<b>Four:</b>	24 MP, f/1.7, PDAF, 8 MP, f/2.4, 12mm (ultrawide), 10 MP f/2.4, (telephoto), 2x optical zoom, 5 MP, f/2.2, depth sensor
	<b>Features:</b>	LED flash, panorama, HDR
	<b>Video:</b>	2160p@30fps, 1080p@30fps
<b>Selfie camera</b>	<b>Single:</b>	24 MP, f/2.0
	<b>Features:</b>	HDR
	<b>Video:</b>	1080p@30fps