



## Samsung Galaxy R 8GB I9103 Gray

Price: -

<https://www.mobileshop.eu/mobile-phones/samsung/galaxy-r-8gb-i9103-gray/>

<b>General</b>	<b>2G Network:</b>	GSM 850 / 900 / 1800 / 1900
	<b>3G Network:</b>	HSDPA 850 / 900 / 1900 / 2100
	<b>SIM:</b>	Mini-SIM
	<b>Announced:</b>	2011, June
	<b>Status:</b>	Available. Released 2011, August
<b>Body</b>	<b>Dimensions:</b>	125 x 66 x 9.5 mm (4.92 x 2.60 x 0.37 in)
	<b>Weight:</b>	135 g (4.76 oz)
<b>Display</b>	<b>Type:</b>	SC-LCD capacitive touchscreen, 16M colors
	<b>Size:</b>	480 x 800 pixels, 4.2 inches (~222 ppi pixel density)
	<b>Multitouch:</b>	Yes
	<b>Protection:</b>	Scratch-resistant glass TouchWiz UI
<b>Memory</b>	<b>Card slot:</b>	microSD, up to 32 GB
	<b>Internal:</b>	8 GB storage, 1 GB RAM, 2 GB ROM
<b>Data</b>	<b>GPRS:</b>	Class 33
	<b>EDGE:</b>	Class 33
	<b>Speed:</b>	HSDPA, 21 Mbps; HSUPA, 5.76 Mbps
	<b>WLAN:</b>	Wi-Fi 802.11 b/g/n, Wi-Fi Direct, Wi-Fi hotspot, DLNA
	<b>Bluetooth:</b>	Yes, v3.0 with A2DP, EDR
<b>Camera</b>	<b>USB:</b>	Yes, microUSB v2.0
	<b>Primary:</b>	5 MP, 2560 x 1920 pixels, autofocus, LED flash
	<b>Features:</b>	Video-calling, geo-tagging, smile detection
	<b>Video:</b>	Yes, 720p@30fps
<b>Sound</b>	<b>Secondary:</b>	Yes, 1.3 MP
	<b>Alert types:</b>	Vibration; MP3, WAV ringtones
	<b>Loudspeaker:</b>	Yes
<b>Features</b>	<b>3.5mm jack:</b>	Yes
	<b>OS:</b>	Android OS, v2.3.3 (Gingerbread), upgradable to v4.0 (Ice Cream Sandwich)
	<b>Chipset:</b>	Nvidia Tegra 2 AP20H
	<b>CPU:</b>	Dual-core 1 GHz Cortex-A9
	<b>GPU:</b>	ULP GeForce
	<b>Sensors:</b>	Accelerometer, gyro, proximity, compass
	<b>Messaging:</b>	SMS(threaded view), MMS, Email, Push Mail, IM, RSS
	<b>Browser:</b>	HTML, Adobe Flash
	<b>Radio:</b>	Stereo FM radio with RDS
	<b>GPS:</b>	Yes, with A-GPS support
	<b>Java:</b>	Yes, via Java MIDP emulator
	<b>Colors:</b>	Black
	<b>Battery</b>	
		Li-Ion 1650 mAh battery
<b>Stand-by:</b>		Up to 660 h (2G) / Up to 550 h (3G)
	<b>Talk time:</b>	Up to 22 h 30 min (2G) / Up to 9 h (3G)