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Nr. 1271 / 30.01. 2018

Catre,
Serviciul Achizitii publice

Referitor la referatul nr.820/19.01.2018 specificatiile pentru cele doua telefoane tip smartphone sunt urmatoarele :

1.

NETWORK	Technology	GSM/HSPA/LTE
BODY	Dimensions	150.9 x 72.6 x 7.7 mm (5.94 x 2.86 x 0.30 in)
	Weight	157 g (5.54 oz)
	Build	Front/back glass (Gorilla Glass 4), aluminum frame
	SIM	Single SIM (Nano-SIM) - G935F, G935W8 Hybrid Dual SIM (Nano-SIM, dual stand-by) - G935FD - IP68 certified - dust/water proof over 1.5 meter and 30 minutes
DISPLAY	Type	Super AMOLED capacitive touchscreen, 16M colors
	Size	5.5 inches, 83.4 cm ² (~76.1% screen-to-body ratio)
	Resolution	1440 x 2560 pixels, 16:9 ratio (~534 ppi density)
	Multitouch	Yes
	Protection	Corning Gorilla Glass 4 - Always-on display - TouchWiz UI - Curved edge screen
PLATFORM	OS	Android 6.0 (Marshmallow), upgradable to 7.0 (Nougat)
	Chipset	Qualcomm MSM8996 Snapdragon 820 - G9350 Exynos 8890 Octa - G935FD, G935F, G935W8
	CPU	Quad-core (2x2.15 GHz Kryo & 2x1.6 GHz Kryo) - G9350 Octa-core (4x2.3 GHz Mongoose & 4x1.6 GHz Cortex-A53) - G935FD, G935 G935W8
	GPU	Adreno 530 - G9350 Mali-T880 MP12 - G935FD, G935F, G935W8

MEMORY	Card slot	microSD, up to 256 GB (uses SIM 2 slot) - dual SIM model only
	Internal	32/64/128 GB, 4 GB RAM
CAMERA	Primary	12 MP (f/1.7, 26mm, 1/2.5", 1.4 μm, Dual Pixel PDAF), phase detection autofocus, OIS, LED flash, check quality
	Features	Geo-tagging, simultaneous 4K video and 9MP image recording, touch focus, face/smile detection, Auto HDR, panorama
	Video	2160p@30fps, 1080p@60fps, 720p@240fps, HDR, dual-video rec., check quality
SOUND	Secondary	5 MP (f/1.7, 22mm, 1/4.1", 1.34 μm), dual video call, Auto HDR
	Alert types	Vibration; MP3, WAV ringtones
	Loudspeaker	Yes
	3.5mm jack	Yes
COMMS		- 24-bit/192kHz audio
		- Active noise cancellation with dedicated mic
	WLAN	Wi-Fi 802.11 a/b/g/n/ac, dual-band, Wi-Fi Direct, hotspot
	Bluetooth	4.2, A2DP, LE, aptX
	GPS	Yes, with A-GPS, GLONASS, BDS
	NFC	Yes
FEATURES	Radio	No
	USB	microUSB 2.0, USB Host
	Sensors	Fingerprint (front-mounted), accelerometer, gyro, proximity, compass, barometer, heart rate, SpO2
	Messaging	SMS(threaded view), MMS, Email, Push Mail, IM
	Browser	HTML5
BATTERY		- Fast battery charging (Quick Charge 2.0)
		- Qi/PMA wireless charging (market dependent)
		- ANT+ support
		- S-Voice natural language commands and dictation
		- OneDrive (115 GB cloud storage)
		- MP4/DivX/XviD/WMV/H.264 player
		- MP3/WAV/WMA/eAAC+/FLAC player
		- Photo/video editor
		- Document editor
BATTERY		Non-removable Li-Ion 3600 mAh battery
	Talk time	Up to 27 h (3G)
	Music play	Up to 74 h
MISC	Colors	Black
	SAR	1.17 W/kg (head) 1.59 W/kg (body)
	SAR EU	0.26 W/kg (head) 0.51 W/kg (body)
TESTS	Performance	Basemark OS II: 2107 / Basemark OS II 2.0: 2050 Basemark X: 28480
	Display	Contrast ratio: Infinite (nominal), 4.439 (sunlight)
	Camera	Photo / Video

Loudspeaker	Voice 70dB / Noise 69dB / Ring 71dB
Audio quality	Noise -92.5dB / Crosstalk -92.2dB

2.

NETWORK	Technology	<u>GSM / HSPA / LTE</u>
BODY	Dimensions	146.2 x 71.3 x 8 mm (5.76 x 2.81 x 0.31 in)
	Weight	160 g (5.64 oz)
	Build	Front glass, aluminum body
	SIM	Single SIM (Nano-SIM) or Dual SIM (Nano-SIM, dual stand-by)
DISPLAY	Type	Super AMOLED capacitive touchscreen, 16M colors
	Size	5.2 inches, 74.5 cm ² (~71.5% screen-to-body ratio)
	Resolution	720 x 1280 pixels, 16:9 ratio (~282 ppi density)
	Multitouch	Yes
PLATFORM	OS	Android 7.0 (Nougat)
	Chipset	Exynos 7870 Octa
	CPU	Octa-core 1.6 GHz Cortex-A53
	GPU	Mali-T830 MP1
MEMORY	Card slot	microSD, up to 256 GB (dedicated slot)
	Internal	16 GB, 2 GB RAM - Global 32 GB, 2 GB RAM - LATAM, SEA 32 GB, 3 GB RAM - Pro edition
CAMERA	Primary	13 MP, f/1.7, autofocus, LED flash, check quality
	Features	Geo-tagging, touch focus, face detection, panorama, HDR
	Video	1080p@30fps, check quality
	Secondary	13 MP, f/1.9
SOUND	Alert types	Vibration; MP3, WAV ringtones
	Loudspeaker	Yes
	3.5mm jack	Yes
COMMS	WLAN	Wi-Fi 802.11 a/b/g/n/ac, dual-band, WiFi Direct, hotspot
	Bluetooth	4.1, A2DP
	GPS	Yes, with A-GPS, GLONASS, BDS
	NFC	Yes
	Radio	FM radio
	USB	microUSB 2.0
FEATURES	Sensors	Fingerprint (front-mounted), accelerometer, gyro, proximity, compass
	Messaging	SMS(threaded view), MMS, Email, Push Mail, IM

	Browser	HTML5 - ANT+ support - MP4/WMV/H.264 player - MP3/WAV/WMA/eAAC+/FLAC player - Photo/video editor - Document viewer
BATTERY		Non-removable Li-Ion 3000 mAh battery
	Talk time	Up to 21 h (3G)
	Music play	Up to 83 h
MISC	Colors	Black
	SAR EU	0.35 W/kg (head) 1.36 W/kg (body)
TESTS	Performance	Basemark OS II: 1154 / Basemark OS II 2.0: 1038 Basemark X: 5258
	Display	Contrast ratio: Infinite (nominal), 3.599 (sunlight)
	Camera	Photo / Video
	Loudspeaker	Voice 68dB / Noise 70dB / Ring 82dB
	Audio quality	Noise -85.0dB / Crosstalk -90.3dB
	Battery life	<u>Endurance rating 97h</u>

*Sef Serviciu IT,
Dumitrascu Adelin*

