

TECHNICAL SPECIFICATIONS S61



BATTERY

Type	Non removable Lithium Ion
Capacity	4500mAh, Quick charge 4.0 compatible
Talk Time	35 hours (3G talk-time)
StandBy Time	Up to 37 days standby time

DISPLAY

Display Type	Super Bright 5.2" Display – FHD (1920 x 1080) IPS, auto switch support and wet-finger/glove-on working technology*
Display Cover	Corning® Gorilla® Glass 5

CAMERA

Main/Rear	16MP autofocus with PDAF, Dual LED flash
Front	8MP fixed focus
Video Capture	FLIR® Lepton

CONNECTIVITY

Audio Jack	3.5mm
Bluetooth	5
NFC	Yes (Android Pay™)
Wi-Fi	802.11 a/b/g/n/ac (2.4 & 5GHz)
USB	USB Type C, USB-OTG
Sim Type	Nano SIM, dual and single SIM variants
GPS	GPS, Glonass, BeiDou (variant dependant), Galileo, QZSS, and SBAS

DATA SPEED

Maximum Downlink Data Rate	600Mbps
Data Speed (Maximum Uplink Data Rate)	150Mbps

MEMORY

ROM Flash	64GB ROM
RAM	4GB RAM
Extended Storage	Expandable via microSD™ card



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MULTIMEDIA

Audio Playback	FM Radio, Music Player
Audio Recording	AMR-NB, AMR-WB, AAC, AAC+, eAAC, WAV
Video Playback	3840 × 2160 at 30 fps
Video Recording	3840 × 2160 at 30 fps

NETWORK

2G	Yes
2G Frequencies	850, 900, 1800, 1900
3G	Yes
3G Frequencies	850, 900, 1700, 1900, 2100 (EU/ROW) 850, 900, AWS, 1900, 2100 (Americas)
4G	Yes
4G Bands (LTE)	1, 2, 3, 5, 7, 8, 19, 20, 26, 28, 38, 39, 40, 41 (EU/ROW) 1, 2, 3, 4, 5, 7, 8, 12, 13, 17, 25, 26, 28, 29, 66 (Americas)

PROCESSOR

Processor Type	Qualcomm SD630 Octacore 2.2GHz
Platform/OS	Google Android™ Oreo (with update to P)

RUGGED

IP Rating	Ingress Protection (IP68 & IP69K)
Waterproof	Up to 3m for 60 minutes
Dust Proof	Sand, dust and dirt resistant
Drop Test	Up to 1.8m (6ft) onto concrete
Military Standard	MIL SPEC 810G, Thermal Shock: handles low to high temperature differences between -25°C (-13°F) – 55°C (131°F) for up to 24hrs** Resistant to vibration: Category 4 Resistant to humidity and salt mist



SENSORS

Accelerometer	Yes	Gyroscope	Yes
Proximity Sensor	Yes	Location	Yes
Ambient Light Sensor	Yes	Barometer	Yes
Compass	Yes	Thermal	Yes
Indoor Air Quality Sensor (humidity & temperature) Yes			

SIZE

Size 163 x 78 x 13mm	Weight 250g
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