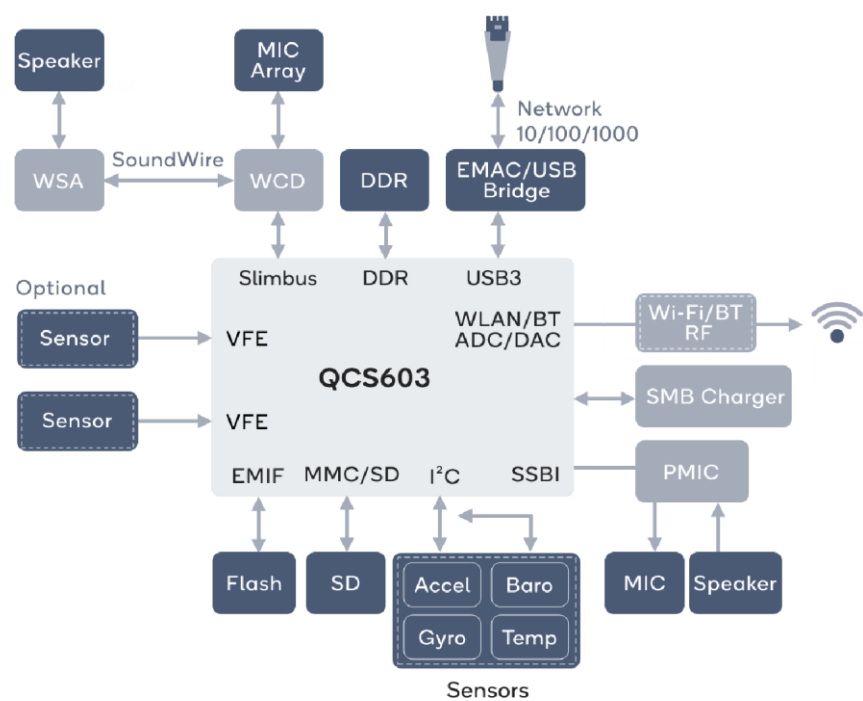


Droplet Bill Of Material, Version1 - August 2021

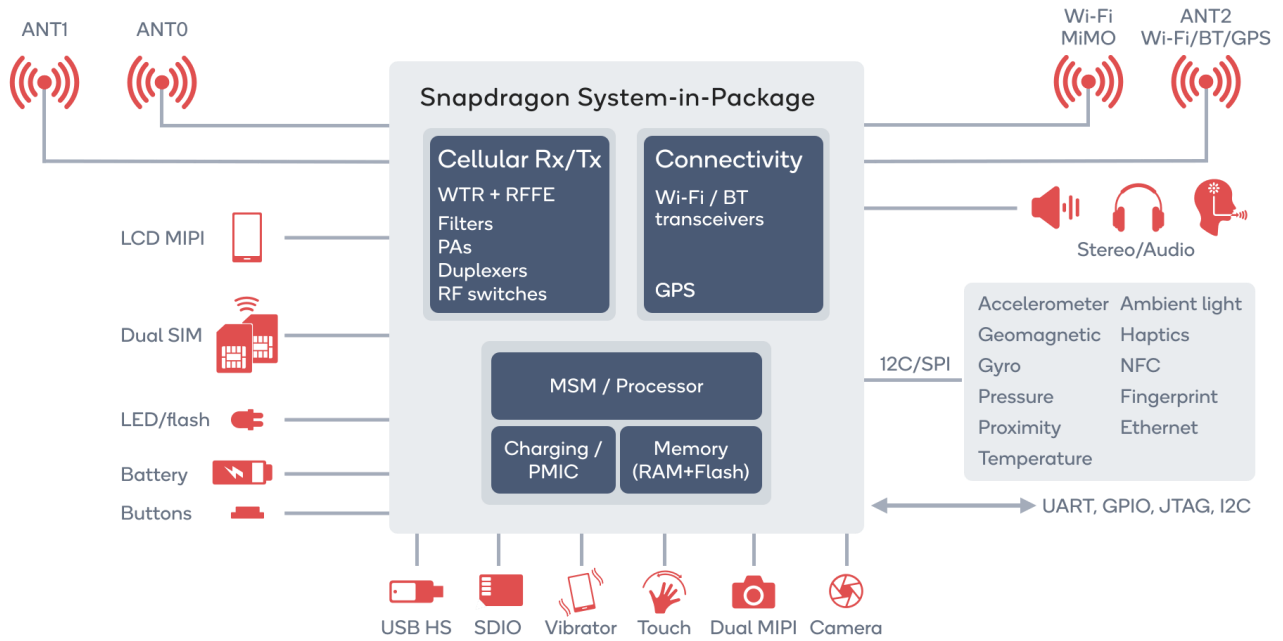
CATEGORY	COMPONENT	SPECIFICATION	COST
PROCESSING	APPLICATION PROCESSOR	Qualcomm Snapdragon System in package, Snapdragon Vision Intelligence 300 platform, Snapdragon 1200 wearable platform Snapdragon wear 3100 platform(4100+ is the latest)	4000 - 5000
MEMORY	NAND FLASH + DRAM	128 GB UFS + 12 GB LPDDR5	4000 - 5000
CELLULAR			
CONNECTIVITY	WIFI, BLUETOOTH, POSITIONING, NFC, ESIM, PAYMENTS, USB?	802.11ac, 802.11a/b/g, Bluetooth 4.2, Ultra Wide Band, Magnetic Secure Transmission	1000 - 2000
POWER MANAGEMENT	PMIC	PMIC for SoC, Baseband, Voltage regulators	1000 - 2000
AUDIO	AUDIO CODEC, SPEAKER, MIC		
SENSORS	SENSORS	Accelerometer, Gyroscope, Barometer, E-compass, Proximity Sensor Modules, Hall Sensor	2000 - 3000
CAMERA			
DISPLAY	DISPLAY MODULE + TOUCH + DRIVER IC + COVER GLASS	2" LED display, custom refresh rate & ppi	6000 - 7000
PCB	PCB + PASSIVES	PCB, capacitors, inductors, resistors, connectors etc	1000 - 2000
CASING	BODY MATERIAL	Front casing, back casing, screws, magnetic connectors, discretes, clickers	2000 - 4000

BATTERY	BATTERY	<600 mAH battery, Lithium Polymer, Wireless Charging coil, Quick Charge	1000 - 2000
OTHERS	OTHERS	Vibrator, timing device, hinges/ support frame, dust & waterproofing	1500 - 2500
COMPONENTS COST			23500 - 34500
ASSEMBLY & TESTING		Components assembling and testing	1000 - 2000
IPR & SOFTWARE		Android 11/ Wear OS	

CHARGER & CABLES		USB cable	500 - 1000
SALES BOX		Sales box and reading material	< 500
TOTAL BOM COST			25000 - 38000



snapdragon-system-in-package
snapdragon-vision-intelligence-300
snapdragon-vision-intelligence-300
snapdragon-vision-intelligence-300



snapdragon-vision-intelligence-300

snapdragon wear 4100+ platform

