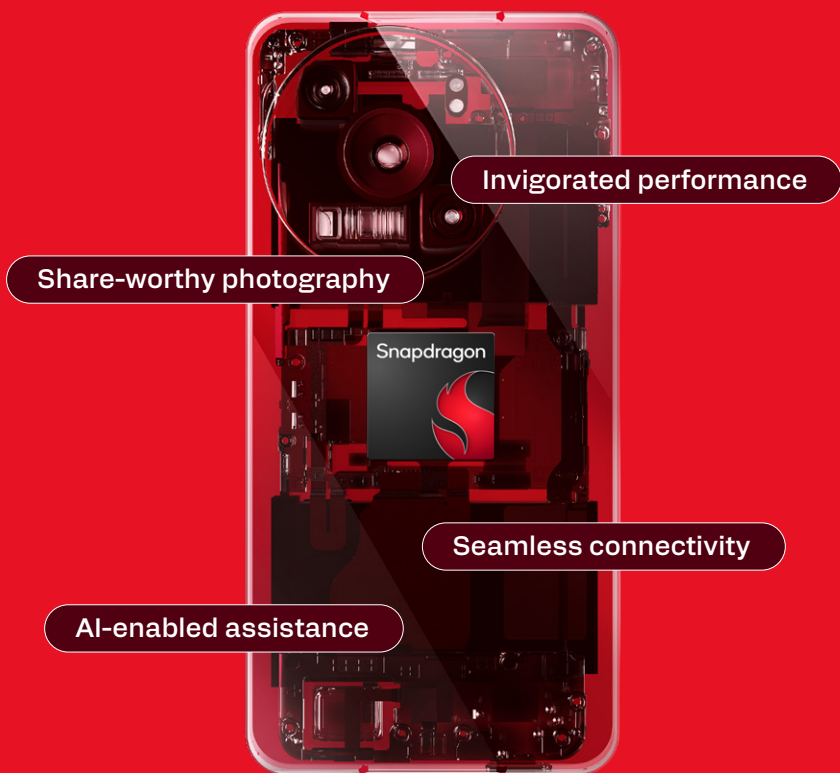


Snapdragon[®] 6s 4G Gen 2



Fuel your multimedia forward with the Snapdragon 6s 4G Gen 2 Mobile Platform, delivering robust performance for your favorite on-device activities. From AI-enhanced features enabling fast workflows to action-packed gameplay and bright capture, consider work and play—conquered.

Invigorated performance

Enjoy seamless multitasking, vibrant gaming, and engaging entertainment with reliable CPU performance. And, thanks to Qualcomm® Quick Charge™ 3 charging your device up to 80% in just 35 minutes, you can always stay powered.



- Qualcomm® Kryo™ CPU boasts 51% improved performance and speeds up to 2.9 GHz.
- A 20% improved Qualcomm® Adreno™ GPU provides smooth, crisp graphics.
- Experience low-lag FHD+ gaming and streaming with a 120 FPS display refresh rate.

Share-worthy photography

Bring every detail to life. Snap stunning photos at up to 108 MP or shoot from three cameras at once with the Qualcomm Spectra™ Triple ISP—ensuring you always get the best shot.



- Up to 108 megapixel photo capture delivers extraordinary detail for every scene, allowing you to preserve memories in lifelike clarity.
- Concurrent multi-camera photo and video capture with smooth zooming between ultrawide, wide, and telephoto lenses.

Seamless connectivity

Revel in speedy, reliable connectivity—wherever you go. A powerful Qualcomm LTE modem with Dual SIM Dual Standby and support for Wi-Fi 5 lets you switch seamlessly between networks without missing a beat.



- Qualcomm LTE Modem enables a high-speed 4G connection from virtually anywhere.
- Support for LTE Dual Sim Dual Standby facilitates ease of work and travel. Support for LTE Dual SIM Dual Standby lets you effortlessly manage both work and personal calls on one device, simplifying your travel experience and making it easy to stay connected across different networks without interruption.
- Qualcomm® Wi-Fi 5 support for fast, steady Internet connections.

AI-enabled assistance

Work smarter, not harder. Streamline your passions with power-efficient audio and voice sensors delivering faster assistance and more immersive media—without eating up your battery.



- Support for AI-enabled voice assistance makes every task intuitive and convenient.
- Multi-mic far-field detection and echo cancellation facilitates clearer audio for video capture—even in noisy environments.

Specs & Features



Artificial Intelligence

Qualcomm® Adreno™ GPU

Qualcomm® Kryo™ CPU

Qualcomm® Hexagon™ Processor

- Hexagon Vector eXTensions (HVX)
- Hexagon Scalar Accelerator

Qualcomm® Sensing Hub

Ultra-low power hub for audio, voice, and sensors

Supports multiple hardware-accelerated, always-on voice assistants

Multi-mic far-field detection and echo cancellation

5G Modem-RF System

Qualcomm® LTE Modem

- 2x2 MIMO
- LTE Dual SIM DUAL Standby
- Downlink: Up to 390 Mbps
- Uplink: Up to 150 Mbps
- Multimode support: LTE FDD, LTE TDD, WCDMA (DC-HSDPA, HSUPA), TD-SCDMA, EVDO, DMA 1x, GSM/EDGE
- Wi-Fi calling with call continuity between LTE and Wi-Fi
- Qualcomm® Signal Boost adaptive antenna tuning
- High-power transmit (HPUE)

Wi-Fi & Bluetooth®

Qualcomm® FastConnect™ Mobile Connectivity System

- Wi-Fi Generation: Wi-Fi 5
- Wi-Fi Standards: 802.11ac, 802.11a/b/g/n
- Wi-Fi Spectral Bands: 5 GHz, 2.4 GHz
- Channel Bandwidth: 20/40/80 MHz
- 8-stream sounding ready (for 8x8 MU-MIMO)
- MIMO Configuration: 1x1
- Target Wake Time (TWT) ready
- Wi-Fi Security: WPA3-Enterprise, WPA3-Enhanced Open, WPA3 Easy Connect, WPA3-Personal

Integrated Bluetooth

Bluetooth audio: Qualcomm® aptX™ Voice, aptX Adaptive

Bluetooth features: Bluetooth 5.2

Camera

Qualcomm Spectra™ Image Signal Processor

- Triple 12-bit ISPs
- Up to 13+13+5 MP triple camera @ 30 FPS with Zero Shutter Lag
- Up to 16+16 MP dual camera @ 30 FPS with Zero Shutter Lag
- Up to 32 MP single camera @ 30 FPS with Zero Shutter Lag
- Up to 108 megapixel photo capture
- Up to 12-bit color depth photo and video capture
- Slow-mo video capture at 1080p @ 60 FPS
- Video Capture Formats: HEVC
- HEIF: HEIC photo capture, HEVC video capture

Audio

Qualcomm Aqstic™ audio codec

Qualcomm Aqstic smart speaker amplifier

Total Harmonic Distortion + Noise (THD+N)

Playback: -108 dB

Low-power audio subsystem

Display

On-Device Display Support:

- FHD+ @ 120 Hz
- HD+ @ 120 Hz

CPU

Kryo CPU

- 64-bit Architecture
- Up to 2.9 GHz

Visual Subsystem

Adreno GPU

- API Support: OpenGL® ES 3.2, OpenCL™ 2.0 FP, Vulkan® 1.1
- Hardware-accelerated H.264 (AVC), H.265 (HEVC), VP8, and VP9 decoder

Security

Biometric Authentication: Fingerprint, Iris, Voice, Face

On-Device: Qualcomm® Mobile Security, Key Provisioning Security, Qualcomm® Processor Security, Qualcomm® Content Protection, Qualcomm® Trusted Execution Environment (TEE), Camera Security, Peripheral Security, Crypto Engine, Qualcomm® Malware Protection, Secure Boot, Secure Token

Location

GPS, Glonass, BeiDou, Galileo, QZSS, NavIC

Dual-frequency GNSS (L1/L5)

Sensor-assisted positioning

Charging

Qualcomm® Quick Charge™ 3 Technology

Memory

Support for LP-DDR4x memory, up to 2,133 MHz

Memory Density: Up to 8 GB

General Specifications

6nm process technology

USB Version 3.1; USB Type-C Support

Storage: UFS 2.2

Part Number: SM6225-AF

All comparisons made are in reference to previous generation, Snapdragon 6s 4G Gen 1 Mobile Platform. Results will vary, depending on OEM implementation and other factors.

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