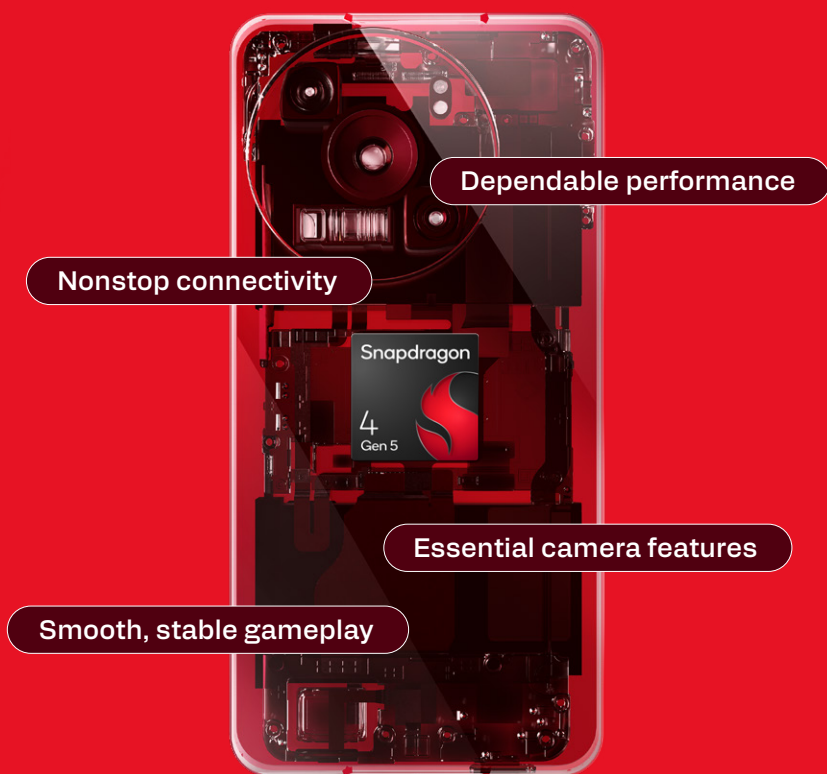


# Let the **Snapdragon®** **4 Gen 5 Mobile Platform** connect you to your world.



For everyday heroes who show up, stay connected, and keep life moving, this is the platform you can count on. Enjoy dependable performance that keeps things running seamlessly, all day long, paired with nonstop connectivity that helps you stay in sync—wherever life takes you. Capture the moments that matter with essential camera features that help you nail the perfect shot the first time. Play your favorite games at smooth 90 frames per second. And go further on a single charge with long-lasting battery life, so your world is always within reach.

## Dependable performance

Move through life effortlessly. Navigate through your day with ease, check in with family often, and scroll social media with responsive performance—backed by ultra-long-lasting battery life.



- Move faster and smoother between apps with Snapdragon Smooth Motion UI, delivering 25% less screen stutter and 43% faster app launches.
- Long-lasting battery life keeps going through lengthy commutes, busy to-do lists, and gaming breaks.
- CPU speeds up to 2.4GHz and an improved GPU deliver fast experiences and crisp visuals.

## Nonstop connectivity

From rural locations to busy job sites, the latest 5G technology plus reliable Wi-Fi lets you stay connected to the people and places you love.



- First-in-series Release 17 5G delivers faster speeds and widespread coverage.
- Qualcomm Smart Network Select 3.0 automatically connects to the strongest available signal for uninterrupted connections.
- First-in-series Dual SIM Dual Active 5G + 5G/4G connects two lines to 5G simultaneously—perfect for work and personal numbers on a single device.
- Qualcomm Wi-Fi 5 offers consistent wireless connectivity for everyday browsing, messaging, and streaming.

## Essential camera features

Remember the moments that matter. Automatic adjustments and smart features work together to capture your favorite experiences clearly.



- Take crisp, vibrant, and precise photos and videos thanks to auto-exposure, auto-white balance, and autofocus.
- Intelligent face detection means every person appears sharp, well-lit, and perfectly framed—with no extra effort.
- Built-in image stabilization reduces blur from shaky hands or action-packed subjects.

## Smooth, stable gameplay

Whether it's a quick level on a lunch break or a longer session to unwind, improved performance makes gaming run smoothly—without draining battery life.



- First-in-series 90 FPS gameplay delivers smooth action and graphics for your favorite games.
- Games look and feel noticeably smoother and more crisp, powered by a remarkable 77% improved GPU.



# Specs & Features

## 5G Modem-RF System

Qualcomm® 5G Modem-RF System

Sub-6 GHz, standalone (SA) and non-standalone (NSA) modes, FDD, TDD

Dynamic Spectrum Sharing

Sub-6 GHz: 140 MHz bandwidth, 4x4 MIMO

### Qualcomm Smart Network Select 3.0

Qualcomm® 5G PowerSave

Qualcomm® Smart Transmit™ technology

Qualcomm® Wideband Envelope Tracking

Qualcomm® AI-Enhanced Signal Boost

### Global 5G multi-SIM, including 5G/4G DSDA

Downlink: Up to 2.8 Gbps

Uplink: Up to 900 Mbps

## Wi-Fi & Bluetooth®

Qualcomm® Wi-Fi 5

- Wi-Fi generation: Wi-Fi 5
- Standards: 802.11ac, 802.11a/b/g/n
- Wi-Fi spectral bands: 2.4 GHz, 5 GHz

Integrated Bluetooth

- Bluetooth version: 5.1

## Camera

Qualcomm Spectra™ Image Signal Processor

Dual 12-bit ISPs

Up to 16 MP + 16 MP dual camera with 30 FPS with Zero Shutter Lag

Up to 32 MP single camera with 30 FPS with Zero Shutter Lag

Up to 108 MP photo capture

1080p dual video capture @ 30 FPS

HEIC photo capture

H.264 (AVC) and H.265 (HEVC) video capture

Slow-motion video capture 720p @ 120 FPS

Multi-Frame Noise Reduction

Motion Compensated Temporal Filtering

### Intelligent face detection

**Auto-white balance, autofocus, and auto-exposure**

### Electronic Image Stabilization

87-99919-1 Rev-A

## Audio

Qualcomm Aqstic™ audio codec

Qualcomm Aqstic smart speaker amplifier

Qualcomm® aptX™ audio

## Display

On-device display support:

- **FHD+ @ 144Hz**
- HD+ (900 x 1600 @ 120 Hz)

## CPU

Qualcomm® Kryo™ CPU

- 64-bit architecture
- 2 performance cores, up to 2.4 GHz
- 6 efficiency cores, up to 2.0 GHz

## Visual Subsystem

Qualcomm® Adreno™ GPU

- API support: OpenGL® ES 3.2, OpenCL™ 2.0, Vulkan® 1.3
- Hardware-accelerated H.265 and VP9 decoder

## Security

Qualcomm® Trusted Execution Environment (TEE)

Qualcomm® wireless edge services (WES)

Qualcomm® Attestation Services

## Location

GPS, GLONASS, BeiDou, Galileo, NavIC (L1 + L5), QZSS

Dual-frequency GNSS (L1 + L5)

Qualcomm® Sensor-Assisted Positioning

- Vehicular and pedestrian navigation accuracy

## Charging

Qualcomm® Quick Charge™ 5 technology

## Memory

Support for LP-DDR4x memory, up to 2133 MHz

## General Specifications

4nm Process Technology

USB 2.0 Gen 1; USB Type-C

Storage: UFS 3.1 2-Lane

Part Number: SM4850