



The Snapdragon® 695 5G Mobile Platform takes 5G truly global, offering both sub-6 and mmWave in the 6-series. This accessible multi-gigabit connectivity unites with key performance upgrades to champion inspired productivity, immersive gaming, and high-end capture. Work hard, play harder—everywhere.



Truly global 5G

Capture the action, defeat your foes, or crush that to-do list—most anywhere. 5G is truly global with both sub-6 and mmWave, offering fast, reliable service from more locations than ever before. Livestream your remote getaway, share photos during a crowded concert, or game in real time as you travel near and far. This connectivity makes history.

- Snapdragon X51 5G Modem-RF System
- Support for SA and NSA modes, TDD, FDD, and DSS
- Download speeds up to 2.5 Gbps



Inspired productivity

Accomplish it all quickly and confidently. Our boosted CPU and GPU make every on-device activity smooth and efficient, including seamless app performance, graphics rendering, web browsing, and video playback. Plus, Qualcomm® Quick Charge™ 4+ Technology keeps you on track longer and recharges faster. Master the power of multi-tasking—backed by Snapdragon.

- Qualcomm® Kryo™ 660 CPU boasts a 15% improvement from the predecessor
- Ultra-efficient 6nm process
- Quick Charge 4+ is designed to power up to 50% in 15 minutes while extending battery life cycles



Immersive gaming

Authentic adventures await gamers who harness the Snapdragon 695. Our boosted Qualcomm® Adreno™ 619 GPU unites with display support up to 120 FPS FHD+ to deliver brilliant game worlds with smooth action. Plus, AI offers real-time voice detection for intuitive in-game commands. And with 5G and Wi-Fi 6, you'll experience amped-up performance that accelerates your wins—at home or on-the-go.

- Rearchitected Adreno 619 GPU pushes speeds up to 30% faster vs the predecessor
- Qualcomm® Sensing Hub offers accurate, always-on voice recognition
- Qualcomm® FastConnect™ 6200 System with 2x2 Wi-Fi 6



Capture the action

Take your mobile photography further. Our Qualcomm Spectra™ 346T ISP offers quality point-and-shoot experiences, with simultaneous triple capture plus Low Light capabilities. Take three high-res photos or record three HD videos at once—and never miss a memory. Plus, snap clear, brilliant images after dark. With Snapdragon, the best shot is always at your fingertips.

- Spectra 346T ISP enables triple concurrent 13 MP photo and 720p30 video capture
- Smooth transitioning between ultra-wide, wide, and telephoto lenses
- Low Light for brighter photos in darker environments

To learn more visit snapdragon.com

All comparisons made are in reference to previous generation. Results will vary depending on OEM implementation and other factors. Battery life varies significantly based on device, setting, usage, and other factors.

Snapdragon, Qualcomm Quick Charge, Qualcomm Kryo, Qualcomm Adreno, Qualcomm Sensing Hub, Qualcomm FastConnect, and Qualcomm Spectra are products of Qualcomm Technologies Inc. and/or its subsidiaries.

Snapdragon®

695 5G mobile platform



SPECIFICATIONS & FEATURES

Qualcomm® Artificial Intelligence (AI) Engine

- Qualcomm® Adreno™ 619 GPU
- Qualcomm® Kryo™ 660 CPU
- Qualcomm® Hexagon™ 686 Processor
 - Hexagon Vector eXtensions
 - 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

- Snapdragon X51 5G Modem-RF System – Modem to antenna integrated system for 5G multimode
- 5G mmWave and sub-6 GHz, standalone (SA) and non-standalone (NSA) modes, FDD, TDD
- Dynamic Spectrum Sharing
- mmWave: 200 MHz bandwidth, 2x2 MIMO
- Sub-6 GHz: 100 MHz bandwidth, 4x4 MIMO
- Qualcomm® 5G PowerSave
- Qualcomm® Smart Transmit™ technology
- Qualcomm® Wideband Envelope Tracking
- Qualcomm® AI-Enhanced Signal Boost
- Global 5G multi-SIM
- Downlink: Up to 2.5 Gbps (5G), 800 Mbps (LTE)
- Uplink: Up to 1.5 Gbps (5G), 210 Mbps (LTE)
- Multimode support: 5G NR, LTE including CBRS, WCDMA, HSPA, TD-SCDMA, CDMA 1x, EV-DO, GSM/EDGE

Wi-Fi & Bluetooth®

- Qualcomm FastConnect 6200 System
 - Wi-Fi Standards: 802.11ac Wave 2, 802.11a/b/g/n
 - Wi-Fi Spectral Bands: 2.4 GHz, 5 GHz
 - Channel Utilization: 20/40/80 MHz
 - MIMO Configuration: 2x2
 - 8-stream sounding, MU-MIMO
 - Target Wake Time (TWT)
 - Wi-Fi Security: WPA3-Enterprise, WPA3-Enhanced Open, WPA3 Easy Connect, WPA3-Personal
- Integrated Bluetooth
 - Bluetooth version: 5.2
 - Bluetooth audio: Qualcomm TrueWireless™ Technology, Qualcomm aptX™ Adaptive Audio

Camera

- Qualcomm Spectra™ 346T Image Signal Processor
- Triple 12-bit ISPs
- Up to 108 MP Photo Capture
- Up to 13 MP triple camera with 30 FPS Zero Shutter Lag and Multi-Frame Noise Reduction
- Up to 25 MP + 13 MP dual camera with 30 FPS Zero Shutter Lag and Multi-Frame Noise Reduction
- Up to 32 MP single camera with 30 FPS Zero Shutter Lag and Multi-Frame Noise Reduction
- 1080p Single Video Capture @ 60 FPS
- 1080p Dual Video Capture @ 30 FPS
- 720p Triple Video Capture @ 30 FPS
- HEIC photo capture
- H.264 (AVC) and H.265 (HEVC) video capture
- Slow Motion video capture 720p @ 120 FPS

Audio

- Low Power Audio Subsystem
- Qualcomm® AI-based Echo Cancellation and Noise Suppression
- Snapdragon® Voice Activation
- Total Harmonic Distortion + Noise (THD+N), Playback: -108dB
- Hi-Fi Audio with up to 384 kHz/32-bit
- Qualcomm Aqstic™ smart speaker amplifier (up to WSA8831)
- Qualcomm Aqstic™ audio codec (up to WCD9385)

Display

- On-Device Display Support:
 - FHD+ (1080 x 2520 @ 120 Hz)
 - HD+ (900 x 1600 @ 120 Hz)

CPU

- Kryo 660, Octa-core configuration
 - Up to 2.2 GHz
 - 64-bit architecture

Visual Subsystem

- Adreno 619 GPU
- H.264 (AVC), H.265 (HEVC) VP8 and VP9 playback
- API Support: OpenGL® ES 3.2, OpenCL™ 2.0, Vulkan® 1.1

Security

- Platform Security Foundations: Secure Boot, Debug Security, HW Crypto Cores, HW/SW Key Management, HW/SW storage security, Peripherals Security
- Trusted Execution Environment and Services:
 - Qualcomm® Trusted Execution Environment (TEE)
 - Qualcomm® Content Protection (Widevine™ V16), Camera Security Framework, Trusted UI Framework
- Qualcomm® wireless edge services (WES): Chip-to-Cloud services to establish and maintain device trust.
 - Qualcomm® WES Attestation Service

Charging

- Quick Charge 4+ technology

Location

- GPS, GLONASS, BeiDou, Galileo, NavIC, QZSS
- Dual-Frequency GNSS (L1 + L5)
- Qualcomm® Sensor-Assisted Positioning

General Specifications

- Memory: 2x16 LP4x @ 2133 MHz
- Storage: eMMC 5.1, UFS 2.2
- Near Field Communications (NFC) support
- USB Type-C support
- 6nm Process Technology
- Part number: SM6375

Certain optional features available subject to Carrier and OEM selection for an additional fee.

Qualcomm AI Engine, Qualcomm Hexagon, Qualcomm 5G PowerSave, Qualcomm Smart Transmit, Qualcomm Wideband Envelope Tracking, Qualcomm AI-Enhanced Signal Boost, Qualcomm aptX, Qualcomm Aqstic, Qualcomm Content Protection, Qualcomm TEE, Qualcomm Malware Protection, Qualcomm Mobile Security, Qualcomm Processor Security, Qualcomm WES, Qualcomm WCD9385, and Qualcomm Sensor-Assisted Positioning are products of Qualcomm Technologies Inc. and/or its subsidiaries.

Snapdragon, Qualcomm, Quick Charge, Kryo, Adreno, FastConnect, Qualcomm Spectra, Hexagon, Smart Transmit, Qualcomm Spectra, and Qualcomm Aqstic are trademarks of Qualcomm Incorporated. aptX is a trademark of Qualcomm Technologies International, Ltd., registered in the United States and other countries. Other products and brand names may be trademarks or registered trademarks of their respective owners.

©2021 Qualcomm Technologies, Inc. and/or its affiliated companies. All Rights Reserved.