The Snapdragon® 888+ 5G Mobile Platform fuels flagship experiences with profoundly intelligent entertainment, including AI-enhanced gameplay, streaming, photography, and more—backed by boosted performance, unrivaled speed and premium connectivity.

### Unbridled performance for world-class entertainment
Better, faster, stronger—our newly upgraded Qualcomm® Kryo™ 680 CPU revs up your elite entertainment experiences. Open social feeds, load games, or access your favorite content in a flash with an industry-leading processor designed to meet high-end demands head-on. Plus, stay immersed for hours without stopping to recharge thanks to a hyper-efficient 5 nm process.

- The Qualcomm® Adreno™ 660 GPU renders detailed graphics in a flash
- Kryo 685 CPU with speeds up to 3.0 GHz* and Arm Cortex-X1-based architecture for increased efficiency

### The smartest way to connect with friends, family and colleagues
With more than 20% AI performance upgrade, the astounding 32 TOPS enables the Snapdragon 888+ to run multiple neural networks simultaneously that work specifically to make your video calls and entertainment experiences more immersive. From AI super resolution and AI-based noise cancellation that suppresses unwanted sounds, to camera enhancement features such as single camera bokeh effects—all help you stay truly connected with the ones that matter.

- 6th gen Qualcomm® Artificial Intelligence (AI) Engine for unbeatable flagship AI experiences
- Qualcomm® Hexagon™ 780 Processor packs a fused architecture for high performance and efficiency
- 2nd Gen Qualcomm® Sensing Hub with a dedicated lower-power always-on AI processor for intelligent assistance and contextual awareness

### Unrivaled speed and premium connectivity
Connect, consume, create—in a flash. Truly global 5G with peak download speeds up to 7.5 Gbps means you’ll game, stream, and share in real time, at best-in-class quality. Plus, our Qualcomm® FastConnect™ 6900 Mobile Connectivity System provides blazing Wi-Fi 6 & 6E and rich Bluetooth audio. Get lost in matchless entertainment with flawless performance, even with multiple devices on one network.

- 3rd gen Snapdragon X60 5G Modem-RF System with mmWave plus 5G carrier aggregation across TDD-FDD bands
- Industry’s fastest available mobile Wi-Fi with multi-gig speeds up to 3.6 Gbps and increased capacity by harnessing new 6 GHz spectrum
- Premium audio experiences with dual Bluetooth antennas and Snapdragon Sound™ Technology

### Our most brilliant capture yet
The Snapdragon 888+ empowers and enhances your creative expression. With 8K encoding and decoding, seamlessly capture or view ultra-detailed, true-to-life videos. Unparalleled AI boosts quality even further—get bright results in dim lighting and see clearly with reduced noise. Plus, intelligent semantic segmentation identifies and optimizes individual aspects of your videos, for true point-and-shoot glory of the highest degree.

- Qualcomm Spectra™ 580 Triple ISP captures from three lenses simultaneously with parallel processing up to 2.7 gigapixels per second
- HDR video records in over a billion shades of color with crisp contrast, peak brightness, and deep black
- Low Light architecture for bright, clear results day or night

### Intelligence for the win
Outsmart and outperform the competition with this premier platform in your arsenal. The full suite of Snapdragon Elite Gaming™ features boost responsiveness and performance, complemented by advanced AI, all to launch you into the winner’s circle. Collaborate globally as language barriers melt away with real-time translation or make last-second moves with responsive voice commands. Scheme and strategize, swerve and steer backed by unbeatable flagship-level intelligence.

- Qualcomm® Game Quick Touch reduces touch latency by up to 20%, while Variable Rate Shading (VRS) allows games to run better without draining power
- Updatable drivers offer real-time game updates, no OS update required
- Up to 144 Hz QHD display support for smooth, vivid gameplay

To learn more visit [snapdragon.com](https://www.snapdragon.com)
Artificial Intelligence
- Adreno 660 GPU
- Kryo 680 CPU
- Hexagon 780 Processor
  - Fused AI Accelerator
  - Hexagon Tensor Accelerator
  - Hexagon Vector eXtensions
  - Hexagon Scalar Accelerator
- Qualcomm Sensing Hub (2nd Generation)

5G Modem-RF System
- Snapdragon X60 5G Modem-RF System
  - 5G mmWave and sub-6 GHz, standalone (SA) and non-standalone (NSA) modes, FDD, TDD
  - Dynamic Spectrum Sharing
  - mmWave: 800 MHz bandwidth, 8 carriers, 2x2 MIMO
  - Sub-6 GHz: 200 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 7.5 Gbps
- Uplink: Up to 3 Gbps
- Multimode support: 5G NR, LTE including CBRS, WCDMA, HSPA, TD-SCDMA, CDMA 1x, EV-DO, GSM/EDGE

Wi-Fi & Bluetooth
- FastConnect 690X System
  - Wi-Fi Standards: Wi-Fi 6E, Wi-Fi 6 (802.11ax), Wi-Fi 5 (802.11ac), 802.11a/b/g/n
  - Wi-Fi Spectral Bands: 2.4 GHz, 5 GHz, 6 GHz
  - Peak speed: 3.6 Gbps
  - Channel Utilization: 20/40/80/160 MHz
  - 8-stream sounding (for 8x8 MU-MIMO)
  - MIMO Configuration: 2x2 (2-stream)
  - MU-MIMO (Uplink & Downlink)
  - 4K QAM
  - OFDMA (Uplink & Downlink)
  - Dual-band simultaneous (2x2 + 2x2)
  - Wi-Fi Security: WPA3-Enterprise, WPA3-Enhanced Open, WPA3 Easy Connect, WPA3-Personal
- Integrated Bluetooth
  - Bluetooth Version: Bluetooth 5.2
  - Bluetooth features: Dual Bluetooth antennas, LE Audio Features (one-to-many broadcast), Qualcomm® aptX™ suite
  - Bluetooth audio: Snapdragon Sound with 24-bit 96kHz music streaming, Ultra-low latency <90 milliseconds, 32-kHz Super Wideband Voice

Camera
- Qualcomm Spectra 580 Image Signal Processor
  - Triple 14-bit ISPs
  - Up to 2.7 Gigapixels per Second computer vision ISP (CV-ISP)
  - Up to 200 Megapixel Photo Capture
  - Up to 28 MP triple camera @ 30 FPS with Zero Shutter Lag
  - Up to 64 x 25 MP dual camera @ 30 FPS with Zero Shutter Lag
  - Up to 81 MP single camera @ 30 FPS with Zero Shutter Lag
  - Rec. 2020 color gamut, photo and video capture
  - Up to 10-bit color depth photo and video capture
  - 10-bit HDR HEIF photo capture
  - 4K Video Capture + 64 MP Photo
  - 8K Video Capture @ 30 FPS
  - Slow-mo video capture at 720p @ 960 FPS
  - HEIF: HEIC photo capture, HEVC video capture
  - Video Capture Formats: HDR10+, HDR10, HLG, Dolby Vision
  - 4K Video Capture @ 120 FPS
  - 4K HDR Video Capture with Portrait Mode (Bokeh)
  - Multi-frame Noise Reduction (MFNR)
  - Video super resolution
  - AI-based face detection with deep learning filter

CPU
- Kryo 680 CPU
  - Up to 3.0 GHz*, with Arm Cortex-X1 technology
  - 64-bit Architecture

Visual Subsystem
- Adreno 660 GPU
- Vulkan® 11 API support
  - HDR gaming (10-bit color depth, Rec. 2020 color gamut)
  - Physically Based Rendering
  - API Support: OpenGL® ES 3.2, OpenGLES 2.0, Vulkan 1.1
  - Hardware-accelerated H265 and VP9 decoder
  - HDR Playback Codec support for HDR10+, HDR10, HLG and Dolby Vision

Security
- Platform Security Foundations, Trusted Execution Environment & Services, Secure Processing Unit (SPU)
- Qualcomm® wireless edge services are offered by Qualcomm Technologies, Inc. and/or its subsidiaries.

Charging
- Qualcomm® Quick Charge™ 5 Technology

Location
- GPS, Glonass, BeiDou, Galileo, QZSS, NavIC capable
- Dual Frequency Support (L1/L5)
- Sidewalk/lane-level Positioning
- Sensor-Assisted Positioning

Memory
- Support for LP-DDR5 memory up to 3200 MHz
- Memory Density: up to 16 GB

General Specifications
- Full Suite of Snapdragon Elite Gaming features
- 5 nm Process Technology
- USB Version 3.1, USB Type-C Support
- Part Number: SMB350-AC

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

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*Exact speed measured at 2.95 GHz.