Snapdragon 7c Gen 2 delivers an always connected experience with the performance you need and the battery life you deserve.

Delivering a superior always connected experience requires innovation and invention. It needs the advanced and efficient technologies that Qualcomm Technologies has been enabling in smart phones for years, brought into your PC.

Snapdragon 7c Gen 2 enables thin, light, and fan-less systems that offer responsive performance, multi-day battery life, and LTE cellular connectivity. With advanced camera and audio technology, AI accelerated experiences and enterprise-grade security features, Snapdragon 7c Gen 2 powered laptops allow users to connect securely, create, learn and communicate from virtually anywhere. The ideal solution for K-12 education, first line workers, and everyday light consumers.

Performance and Battery Life

Fast, responsive performance combined with multi-day battery life in a thin, cool, quiet PC. Snapdragon 7c Gen 2 compute platforms deliver up to 10% higher system performance than competitive platforms. Up to 19+ hours of continuous use on a single charge is up to 2x the battery life of typical entry-tier laptops.

Always On, Always Connected

Snapdragon 7c Gen 2 compute platforms have an integrated Snapdragon X15 4G LTE modem. This enables your laptop to automatically and seamlessly switch between trusted Wi-Fi and cellular networks, helping to keep you securely connected virtually anywhere. With connected standby and instant on capabilities, your laptop will always be up to date and ready to go when you are.

Advanced Camera and Audio

With the accelerated transition to digital, we are all connecting remotely more often for work, learning, and catching up with friends and family. Snapdragon 7c Gen 2 compute platforms come with integrated Qualcomm Spectra™ ISP (image signal processor) for crisp, high quality video and Qualcomm Aqstic™ Audio technology that can deliver clear audio for incredible video conferencing.

Artificial Intelligence (AI)

The Snapdragon 7c Gen 2 is capable of over 5 trillion operations per second (TOPS) with the fifth generation Qualcomm® Artificial Intelligence (AI) Engine. Modern experiences and security applications are increasingly enabled by AI acceleration. On device security can be accelerated, voice recognition can be more accurate, and computational photography can be used for background effects or gaze correction. Dedicated, on device AI can make these experiences a reality, faster and more efficiently.

Enterprise-Grade Security

Modern security features designed to protect you and your data from the chip to the cloud are built right into the Snapdragon 7c Gen 2 compute platform. From the moment you press the power button, a layered secure boot with multiple verifications helps ensure your device starts safely and securely. LTE connectivity enhances Wi-Fi to enable security applications and operating systems to stay updated against "zero day" threats, and keeps enterprise and education laptops more visible and manageable.

To learn more visit
snapdragon.com

Specifications & Features

CPU

- CPU Clock Speed: Up to 2.55 GHz
- CPU Cores: Octa-core Qualcomm® Kryo™ 468 CPU
- CPU Architecture: 64-bit

Process

- Process Technology: 8 nm

OS Support

- Supports Windows 10 and Windows 11
- Chrome OS

Memory

- Memory Type: 2 x 16-bit, LPDDR4x-4266

Storage

- UFS: eMMC 5.1; UFS 2.1

Visual Subsystem

- GPU: Qualcomm® Adreno™ GPU

Camera

- Image Signal Processor: Qualcomm Spectra™ 255 image signal processor, 14-bit
- Dual Camera, ZSL, 30fps: Up to 16 MP
- Single Camera, ZSL, 30fps: Up to 32 MP
- Camera Features: Multi-frame Noise Reduction (MFNR)
- Video Capture Features: Rec. 2020 color gamut video capture, Up to 10-bit color depth video capture

CAMERA FEATURES

- Advanced DPD, WPA3
- Multi-Frame Noise Reduction (MFNR) and Multi-Frame Super Resolution (MFSR)
- Forward-looking Electronic Image Stabilization (EIS)
- Motion Compensated Temporal filtering (MCTF) for noise-free video capture up to UHD (4K) at 30 FPS
- Four MIPI CSI PHYs (DPHY 1.2 / CPHY 1.2)

Video

- Video Playback: Up to 4K HDR10
- Codec Support: H.265 (HEVC), H.264 (AVC), VP9
- Video Software: Motion Compensated Temporal Filtering (MCTF)

Display

- Max On-Device Display: QXGA @ 60Hz, FHD @ 60Hz
- Max External Display: QHD @ 60Hz
- Display Pixels: 2560x1440, 2048x1536

General Audio

- Qualcomm Aqstic technology: Qualcomm Aqstic™ audio codec, Qualcomm Aqstic smart speaker amplifier
- Qualcomm® aptX™ audio playback support: aptX, aptX HD

Audio Playback

- PCM, Playback: Up to 384kHz/32bit
- Additional Playback Features: Native DSD support

Qualcomm® AI Engine

- AIE CPU: Octa-core Kryo 468 CPU
- AIE GPU: Adreno GPU
- AIE DSP: Qualcomm® Hexagon™ 692 DSP

Cellular Modem

- Modem Name: Snapdragon X15 LTE modem
- LTE Category
- Downlink LTE Category: LTE Category 12
- Uplink LTE Category: LTE Category 13
- LTE Downlink Features
- Downlink Carrier Aggregation: 3x20 MHz carrier aggregation
- Downlink LTE MIMO: Up to 4x4 MIMO on two carriers
- Downlink QAM: Up to 256-QAM, Up to 64-QAM
- LTE Uplink Features

- Uplink Technology: Qualcomm® Snapdragon™ Upload+
- Uplink Carrier Aggregation: 2x20 MHz carrier aggregation
- Uplink QAM: Up to 64-QAM
- LTE Speed
- LTE Peak Download Speed: 600 Mbps

Wi-Fi

- Wi-Fi Standards: 802.11ac Wave 2, 802.11a/b/g, 802.11n
- Wi-Fi Spectral Bands: 2.4 GHz, 5 GHz
- MIMO Configuration: 2x2 (2-stream)
- Qualcomm® FastConnect™ Subsystem

Bluetooth Version

- Bluetooth 5.0

GPS Location

- Satellite Systems Support: NavIC, BeiDou, Galileo, GLONASS, GPS, QZSS, SBAS

Security

- Qualcomm® Processor Security
- Qualcomm® Content Protection
- Wi-Fi Security: WPA3

*Always On, Always Connected PCs require network connectivity and compatible networks.

**Battery life varies significantly based on device, settings, usage, and other factors.

Features and capabilities may vary by operating system