



Upgrading the Entry-Tier Laptop

The Snapdragon® 7c+ Gen 3 Compute Platform delivers responsive performance, support for up to multi-day battery life, and lightning fast 5G connectivity for an incredible, always connected entry-tier computing experience. Advanced camera and audio can deliver stunning image quality and crystal-clear sound to video conferencing and more. With powerful AI acceleration, Snapdragon 7c+ Gen 3 enables smarter, more efficient, and more accurate modern experiences. It is designed to bring blazing fast Wi-Fi 6/6E and the transformative speed of 5G connectivity to a new level of entry-tier always connected laptops.

Performance and Battery Life

Take your performance to the next level with Snapdragon 7c+ Gen 3, with up to 30% higher CPU performance than competitive platforms in the entry-tier. Incredible efficiency enables up to multi-day battery life to maintain long-lasting performance in a thin, cool, quiet, and fan-less laptop.

Always On, Always Connected

Snapdragon 7c+ Gen 3 Compute Platforms keep you always connected, even in low power states and on-the-go*. Reliable, highly secure connectivity seamlessly switches between trusted Wi-Fi and 5G networks. Just like your smart phone, instant-on responsiveness makes your device ready to go when you are.

Advanced Camera and Audio

Elevate your video conferencing experience with incredible, immersive camera quality up to 4K HDR. AI accelerated Echo-cancellation and noise suppression (ECNS), a part of the Qualcomm® Voice Suite, can filter out a noisy background to deliver clear, crisp audio. Snapdragon 7c+ Gen 3 also provides support for media-rich, vivid entertainment, and productivity experiences with Hi-Fi Audio and virtual surround sound along with up to 4K HDR video.

Artificial Intelligence

The Qualcomm® AI Engine delivers powerful and efficient performance to enable modern experiences with next-gen capabilities and immersive user experiences for valuable productivity and learning. AI hardware acceleration can adapt to you, and to enable enhanced audio, camera, Inking and Office.

Enterprise-Grade Security

Snapdragon 7c+ Gen 3 has built-in modern security features to help keep your data safe. You can connect with highly secure and lightning fast 5G from virtually anywhere to avoid the potential risk of relying on public Wi-Fi. Supporting Microsoft Secured-core PC, the most secure Windows devices out of the box, it has security integrated into hardware, and software enabling chip to cloud security.





Snapdragon

7c+ compute platform Gen 3

Features

Higher performance, lower power compared to Snapdragon 7c Gen 2

-60% multi-threaded CPU performance and -30% single-threaded CPU performance increase from Snapdragon 7c Gen 2

-70% GPU performance increase from Snapdragon 7c Gen 2

Wi-Fi 6 and 6E

Microsoft PlayReady 3.0 and support for modern video streaming services

Supports Windows 11

UFS 2.1 support

Specifications

CPU

- CPU Cores: Qualcomm® Kryo™ octa-core CPU

GPU

- GPU Name: Qualcomm® Adreno™ GPU

Memory

Memory Type: 2-channel LPDDR4x-4266, LPDDR5-6400

Storage

SSD: PCIe NVMe/SSD, eMMC 5.1, SD 3.0

UFS: UFS 2.1

Process

Process Technology: 6 nm

Display

Max On-Device Display: FHD+

Camera

Image Signal Processor: Qualcomm Spectra™ ISP

Triple Camera: Up to 22 MP

Dual Camera: Up to 36+22 MP

Single Camera: Up to 64 MP

Video Capture: 4K HDR video capture

General Audio

Audio Technology: Qualcomm® Aqstic™ audio codec, Qualcomm Aqstic smart speaker amplifier, Qualcomm Aqstic audio technology

5G Cellular Modem-RF

Cellular Modem-RF Modem Name: Snapdragon X53 5G Modem-RF System

Peak Download Speed: 3.7 Gbps

Peak Upload Speed: 2.9 Gbps

Cellular Modem-RF Specs: 400 MHz bandwidth (mmWave), 100 MHz bandwidth (sub-6 GHz)

Performance Enhancement Technologies: Qualcomm® Smart Transmit™ technology, Qualcomm® Wideband Envelope Tracking, Qualcomm® AI-Enhanced Signal Boost adaptive antenna tuning, Qualcomm® 5G PowerSave

Cellular Technology: 5G NR, Dynamic Spectrum Sharing (DSS), mmWave, sub-6 GHz, HSPA, WCDMA, LTE including CBRS support, CDMA 1x, EV-DO, GSM/EDGE

Wi-Fi/Bluetooth

Wi-Fi/Bluetooth® System: Qualcomm® FastConnect™ 6700 System

Peak Speed: Up to 2.9 Gbps

Standards: Wi-Fi 6E, Wi-Fi 6, Wi-Fi 5, 802.11a/b/g/n

Wi-Fi Spectral Bands: 24 GHz, 5 GHz, 6 GHz

Peak QAM: 4k QAM

Wi-Fi Features: 160 MHz channel support, 4K QAM, 6 GHz operation (Wi-Fi 6E), OFDMA (Uplink and Downlink), WPA3 security support

Qualcomm® Wi-Fi 6 technology features: MU-MIMO (Uplink and Downlink), 8x8 sounding

Bluetooth Version: Bluetooth 5.2

USB

USB Version: USB 3.1, USB-C

*Always Connected PCs require network connectivity and compatible networks. Battery life varies significantly based on device, settings, usage, and other factors.

**Qualcomm Kryo, Qualcomm Adreno, Qualcomm Spectra, Qualcomm Aqstic, Qualcomm Smart Transmit, Qualcomm Wideband Envelope Tracking, Qualcomm AI-Enhanced Signal Boost, Qualcomm 5G PowerSave, Qualcomm FastConnect and Qualcomm Wi-Fi 6 are products of Qualcomm Technologies, Inc. and/or its subsidiaries.