



SNAPDRAGON DEV KIT FOR WINDOWS

The Snapdragon Dev Kit for Windows is a powerful, compact, developer-class desktop solution designed to simplify next-gen AI application development for Windows on Snapdragon, making it easy to develop next-gen Windows apps and AI experiences.

A DEVELOPER-FOCUSED SOLUTION

As Windows rapidly transitions to AI PCs powered by Snapdragon, porting your Windows apps natively and building new AI experiences becomes crucial.

The Snapdragon® Dev Kit for Windows takes advantage of the fastest, most intelligent, and most power-efficient processor ever created for Windows in its class. You can scale your development process with easy access to the Arm64 toolchain, empowering you to optimize for application performance and power efficiency. With a powerful and fast NPU, your teams can unlock AI and accelerate AI/ML workloads, enhancing your solution. Seamlessly integrate generative AI by running LLM and LVM locally, without compromising performance or relying heavily on cloud resources.

This versatile device has multiple ports and is configurable for onsite and dev test labs, allowing you to rack and stack multiple devices and connect up to three UHD monitors for streamlined coding.



SCALE YOUR DEV/TEST PROCESS

The Snapdragon Dev Kit for Windows makes it easy for developers to build, test, and port native applications for Windows on Snapdragon. It lets developers easily utilize the native Windows on Snapdragon toolchain, including Visual Studio/VS Code and many other runtimes, libraries, and frameworks. Quickly adapt and recompile Windows applications natively for Snapdragon, accelerating performance and enabling laptop users with an incredible experience.



UNLOCK AI WITH THE WORLD'S FASTEST NPU FOR LAPTOPS

The best-in-class on-device AI capabilities create opportunities for brand-new AI-powered experiences for a new generation of PCs. Developers will be able to accelerate AI/ML workloads and run LLMs and LVMs locally to enhance their applications. Deploy intelligence faster by utilizing the Qualcomm® AI Stack and the Qualcomm® AI Hub for pre-trained and optimized AI models for Snapdragon.



ULTIMATE PERFORMANCE IN A COMPACT DEVICE

The Snapdragon Dev Kit for Windows features a special developer edition of the Snapdragon X Elite processor. Get supercharged performance in a PC that features an array of ports and a form factor designed to be compatible with developers' labs, racks, and multi-monitor systems.



FEATURES

Build, debug, test, and port native applications for Windows on Snapdragon.

Optimize your applications for CPU, GPU, and NPU to maximize application performance and power efficiency.

Easily access the native Arm64 toolchain—including Visual Studio/VS Code, runtimes, libraries, and frameworks—to provide a fast, familiar, and highly productive developer experience.

Run Arm64 VMs and CI/CD infrastructure and services to build, test, and release at scale.

Accelerate AI/ML workloads on the 45 TOPS NPU to enhance application performance and user experiences.

Build generative AI experiences by running LLMs and LVMs locally.

Free up cloud resources by utilizing on-device AI to run neural networks locally.

Utilize the Qualcomm AI Stack to deploy AI models quickly by supporting AI community resources, frameworks and runtimes, developer libraries, and system software.

Execute faster by utilizing the Qualcomm AI Hub for 100+ pre-trained and optimized AI models for Snapdragon.

Ultimate performance with the Snapdragon X Elite platform, featuring a 12-core Qualcomm Oryon™ CPU, a 45 TOPS NPU, 32 GB memory, and 512 GB storage.

Connect to up to three UHD monitors for the ultimate developer setup.

Rack and stack multiple devices in your own onsite dev and test labs.



SPECIFICATIONS

Processor

Snapdragon X Elite (X1E-00-IDE)

CPU

Qualcomm Oryon CPU

- 12 cores, up to 3.8 GHz
- Total cache: 42 MB
- Dual Core Boost up to 4.3 GHz

GPU

Qualcomm® Adreno™ GPU

- Up to 4.6 TFLOPS

NPU

Qualcomm® Hexagon™ NPU

- Up to 45 TOPS

Size

8" x 7" x 1.3" (199 mm x 175 mm x 35 mm)

Memory

32 GB LPDDR5x RAM

Storage

512 GB Fast NVMe Storage

Software

Windows 11 Home Edition

Security

fTPM

Weight

970g

What's in the Box

Snapdragon Dev Kit for Windows

180W AC Adapter (US Pin)

Power Cable

USB-C to HDMI Dongle

User Guide

Connections

3x USB 4 Type-C

2x USB 3.2 Type-A

1x RJ45 Ethernet

1x 3.5 mm audio jack

Wireless

Qualcomm® FastConnect™ 7800 Mobile Connectivity System

- Wi-Fi 7
- Bluetooth 5.4

Exterior

Materials: Shell made with 20% recycled ocean plastic

Color: Black

Physical buttons: Power button

Warranty

1-year limited hardware warranty

ORDERING INFORMATION

Order the Snapdragon Dev Kit for Windows.

