

Snapdragon® Wear Elite Platform

Performance without compromise

Intuitive on-device intelligence

Power for days, recharge in minutes

First-of-its-kind hexa-connectivity solution

Snapdragon Wear Elite is designed to deliver advanced on-device AI, high performance, low power consumption, and superior connectivity with support for six wireless technologies, empowering OEMs to design smarter, smaller, and more secure devices.

Performance without compromise

Engineered for longevity, Snapdragon Wear Elite offers industry-leading performance to make every interaction feel fluid, intuitive, and premium. Its ultra-efficient 3nm architecture enables OEMs to design smaller, sleeker devices—without sacrificing performance.

Empowered multitasking

Snapdragon Wear Elite lets you easily switch between tasks with incredible performance and lightning-fast responsiveness—even with complex workloads.



UP TO

5x

improved CPU
performance

UP TO

7x

improved GPU
performance

UP TO

30%

longer battery life

All comparisons are in reference to previous generation, Snapdragon W5+ Gen 2 Platform. Results will vary, depending on OEM implementation and other factors.



Intuitive on-device intelligence

Our advanced Qualcomm® Hexagon™ NPU is designed for sustained performance and power optimization, delivering intuitive AI experiences that empower you to create, discover, and explore. And now, with the Qualcomm® Sensing Hub capturing personal context, your agentic AI assistant is ready to anticipate your needs.

Proactive support

Receive personalized interactions and assistance—from virtually anywhere. Agentic intelligence understands your preferences, behaviors, and needs by utilizing AI models up to 2 billion parameters on-device, all while keeping your data on-device and out the cloud.

Advanced health and fitness tracking

Welcome to a more holistic approach to personal wellbeing. From continuous heart rate monitoring to advanced sleep analysis, a full-spectrum array of over 50 sensors captures rich, contextual data in real time for improved tracking of biometrics, activity, sleep, environmental factors, and more.

Power for days, recharge in minutes

Experience more up-time and less waiting with Snapdragon Wear Elite lightning-fast charging and remarkable battery endurance.

- Intelligent power-saving features and low-power islands enable multi-day battery life*.
- Recharge up to 50% in just 10 minutes, eliminating battery anxiety.

First-of-its-kind hexa-connectivity solution

Remain connected and effortlessly integrated, virtually anywhere. Designed for superior connectivity, this platform introduces a unique hexa-connectivity—simultaneously supporting six connectivity technologies (5G RedCap, Wi-Fi, UWB, Bluetooth® 6.0 technology, GNSS, and NB-NTN).

- Get lightning-fast, power-efficient communication and data transfer through 5G RedCap.
- Flow smoothly between a wide range of devices via advanced Bluetooth 6.0 for a harmonious digital experience.
- Highly accurate, designed to support low-power GNSS that provides precise positioning, whether you're navigating city streets, hiking rugged trails, or moving through indoor environments.
- Safer, short-range UWB communication enables ease of entry and more, with features like digital keys and enhanced proximity services.
- Maintain superior, power-efficient local and cloud connectivity through micro-power Wi-Fi, enabling direct access to apps and advanced AI experiences.
- Stay connected in remote areas with breakthrough satellite NB-NTN emergency messaging capabilities, ensuring peace of mind.



Performance

Get industry-leading performance backing your every move and interaction.



AI

A sophisticated personal AI assistant delivers tailored insights and proactive assistance.



Battery

Go through daily activities with confidence, thanks to Snapdragon Wear Elite enabling optimized battery life that lasts for days and recharges in minutes.



Connectivity

Navigate your world with one of the world's most advanced, comprehensive, and reliable connectivity suite for wearables.



Specs and features

Qualcomm® AI Engine

Processor Name: Hexagon NPU

Co-processor

Co-Processor CPU Clock Speed: Up to 500 MHz

GPU Features: 2.5D

Storage

eMMC Density: eMMC 32 GB

Location

Satellite Systems: NB-NTN, Beidou, Galileo, GLONASS, GPS, QZSS, Navic support

Frequency Support: Dual (L1/L5), SAP Wearable 3.0

NFC

Near Field Communications: Supported via third party

RF

RF Front-End (RFFE) Features: Qualcomm® RF Front-End (RFFE) solution

CPU

Clock Speed: Up to 2.1 GHz

GPU

Name: Qualcomm® Adreno™ A622

APIs: OpenGL® ES 3.2, Vulkan 1.2 and Open CL2.0

Cellular modem-RF

Modem Name: Wearable optimized modem

Cellular Technology: 5G Redcap Rel-17, LTE TDD, LTE FDD (and 3G/WCDMA)

Wi-Fi

Generation: Wi-Fi 6

Standards: 802.11ax

Spectral Bands: 2.4 GHz, 5 GHz, 6 GHz

MIMO Configuration: 1x1

Spatial Streams: Up to 1

Bluetooth

Specification Version: Bluetooth 5.3, Bluetooth 6

Camera

Image Signal Processor (ISP) Name: Qualcomm Spectra™

Features: 2x CSI 4-lane DPHY/CPHY, Multi-Frame Noise Reduction (MFNR) for Snapshot, Motion Compensated Temporal Filter (MCTF) for video, Electronic Image Stabilization (EIS)

Security

Features: Qualcomm® Processor Security, Qualcomm® Trusted Execution Environment (TEE) 5.35

Memory

Speed: 6,400 MHz

Type: LPDDR5

Bit Width: 16-bit

Software options

Operating System: Android, Free RTOS, Wear OS, Linux

Interfaces

Supported Interfaces: eUSB 2.0, QUPv3 (8 SE), PCIe Gen 3, SDIO, 1.8/1.2V

Universal Serial Bus (USB)

Specification Version: eUSB 2.0

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

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