

SNAPDRAGON X2 ELITE EXTREME & SNAPDRAGON X2 ELITE: FEATURES AT A GLANCE

FEATURE	BENEFIT
3 <sup>rd</sup> gen Qualcomm Oryon™ CPU	Snapdragon® X2 Elite processor utilizes a custom-built 3rd gen Qualcomm Oryon CPU for ultra-premium performance with remarkable power efficiency. Featuring up to 18-cores, Snapdragon X2 Elite Extreme is the first ARM-compatible CPU to reach 5.0 GHz. The clock speed, combined with hardware matrix acceleration and ultra-low latency large cache, unlocks record-breaking responsiveness across multitasking, browsing, and content creation.
3nm Process Node	Snapdragon X2 Elite is built on the cutting-edge 3nm process node for higher performance and lower power consumption.
Prime CPU Cores	Snapdragon X2 Elite takes advantages of the new Qualcomm Oryon Prime cores architecture for powerful performance. The prime core on Snapdragon X2 Elite Extreme is the first ARM-compatible CPU to reach 5.0 GHz for instant responsiveness, quick app launches, blazing-fast web browsing, and visionary content creation.
Performance CPU Cores	Snapdragon X2 Elite and pairs prime cores with enhanced Qualcomm Oryon Performance cores. They are tuned to provide premium responsiveness and user experiences in everyday workloads with extreme power efficiency.
World’s Fastest NPU for laptops	Snapdragon X2 Elite features a massive 80 TOPS NPU. With 78% more TOPS (INT8) than previous generation, it is the world’s fastest NPU for laptops. The Qualcomm® Hexagon™ NPU can run bleeding-edge AI experiences from intelligent content creation to the latest large language models (LLM) that power-on-device AI agents.
Qualcomm® Adreno™ GPU	Snapdragon X2 Elite features an upgraded Qualcomm Adreno GPU delivering stunning visuals at leading performance per watt. This new GPU architecture delivers a significant increase in quality and frame rate AND industry-leading power efficiency so users can create, game, and entertain on-the-go.
Snapdragon Guardian Technology	Snapdragon X2 Elite introduces a new out-of-band management feature called Snapdragon Guardian Technology. This new subsystem combines hardware, software, and cloud services and pairs it with Wi-Fi and 5G <sup>1</sup> connectivity so businesses and end users can manage, find, lock, and wipe their PC from virtually anywhere.
Qualcomm® X75 5G Modem-RF System	Snapdragon X2 Elite supports up to the Snapdragon X75 5G Modem, the world’s first Modem-RF System ready for 5G Advanced. This leading modem system delivers up to 10 Gbps peak download speeds for ultra-fast connectivity to the web.
Qualcomm® FastConnect™ 7800 Mobile Connectivity System	Snapdragon X2 Elite supports up to the FastConnect 7800 for Wi-Fi 7 with HBS, premium Wi-Fi 6/6E, and advanced Bluetooth® 5.4 LE audio. Quickly connect to the internet and browse, call, or stream at lightning-fast speeds. Connect multiple peripherals such as mice, keyboards, and wireless headphones.
Qualcomm Spectra™ ISP	Snapdragon X2 Elite leads the way in delivering top image quality to PCs. The Qualcomm Spectra ISP supports high-bandwidth MIPI cameras for crystal-clear web conferencing, high resolution photo capture, multi-exposure HDR, and 10-bit color.

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<sup>1</sup>Device features and functionality may vary based on OEM design

