

SNAPDRAGON SMART PROTECT



Robust, real-time detection of zero-day malware, using machine-learning-based behavioral analysis.

PROCESSING

IMAGING

CONNECTIVITY

GRAPHICS

SECURITY

FAST CHARGING

DISPLAY

VIDEO

AUDIO



PRIVACY PROTECTION

Robust protection of your privacy and personal data from new mobile malware attacks.

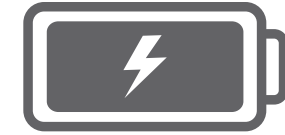
- Provides robust protection against new and transformed mobile malware.
- Empowers device users with insight into the type and severity of detected mobile malware.
- Gives users control over their devices, security settings and personal information.



MALWARE DETECTION

Catch malware with the latest in mobile anti-malware technology.

- Detects zero-day malware in real time using machine-learning-based behavioral analysis.
- Enables OEMs and mobile security providers to inform users about unusual application behavior.
- Provides explanation of why a particular behavior was flagged as suspicious.



POWER EFFICIENCY

Save battery power with efficient, hardware-based design and optimizations.

- Qualcomm® Snapdragon™ Smart Protect core designed to remain secure even if the operating system is compromised.
- Performs analysis on the device, rather than in the cloud, even without a connection.
- Maximizes battery life through efficient design and optional ultra-low power mode.



THE QUALCOMM® SNAPDRAGON™ 820 PROCESSOR IMMERSIVE AND INTELLIGENT.

Introducing the all-in-one Snapdragon 820—the most powerful mobile processor Qualcomm Technologies has ever created. With Snapdragon Smart Protect built in, our mobile-optimized system-on-a-chip offers hardware-based malware detection and critical data processing on the device rather than in the cloud, for robust security, privacy and control. With power, performance and low energy consumption, the Snapdragon 820 offers immersive user experiences and a new level of mobile intelligence.