

Samsung announced the Galaxy A Quantum with quantum encryption technology

This new 5G smartphone is a product of cooperation between Samsung and South Korea's SK Telecom

Samsung Galaxy A Quantum is the first 5G smartphone in the world to be equipped with a "random quantum generation" (QRNG) chipset, developed by SK Telecom's Swiss-based subsidiary ID Quantique. .

The above QRNG chipset is SKT IDQ S2Q000, and it enhances the security of phone data by using quantum encryption technology to generate random numbers, thereby generating numbers. Security key is not predictable.



The chipset includes an LED and a CMOS image sensor that detects the light emitted by the diode (bipolar light) and generates random numbers. These random numbers will then be provided to services that require authentication and certification, such as mobile payment applications, to generate encryption keys and enhance their security.

If not counting the QRNG chip, the Galaxy A Quantum is actually a renamed Galaxy A71 5G, which means it is equipped with Exynos 980 SoC chipset, Super AMOLED Infinity-O FullHD + screen 6.7-inch size, and feel Turn fingerprint under screen.



Samsung Galaxy A71 5G

Galaxy A Quantum comes pre-installed with Android 10 with One UI. It has a total of 5 cameras: 1 32MP selfie camera on the front, and 1 64MP main camera on the back, along with 12MP ultra-wide sensor, 5MP macro sensor, and 5MP depth sensor.

Galaxy A Quantum has a 4,500mAh battery, supports 25W fast charging, comes in 3 colors: black, silver, and blue. It only has an internal memory option of 128GB, 8GB of RAM, priced at \$ 530, which can be pre-ordered in Korea from May 15, and will be officially available on May 22.

Galaxy A Quantum pre-order customers will receive a free pair of Galaxy Buds, and customers who purchase the device after the pre-order period will receive a \$ 40 discount coupon when they buy Galaxy Buds.

You finished reading the article "**Samsung announced the Galaxy A Quantum with quantum encryption technology**" edited by the [TipsMake](#) team. We hope this article has provided you with many useful tech tips and tricks. You can search for similar articles on tips and guides. Thank you for reading and for following us regularly.