



Copper-graphite shield



Magnet array



Alignment magnet



Charging coil



Polycarbonate housing



E-shield





70%

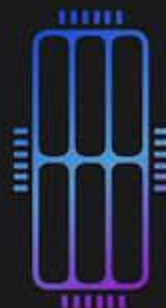
faster ML accelerators

First 5 nm chip



in a smartphone

16-core
Neural Engine



6-core CPU

50% faster
GPU

Faster than any other smartphone chip



New image signal processor

11 trillion

operations per second on the Neural Engine

 **A14**

80%
faster

Neural Engine



4-core GPU

11.8 billion
transistors



Improved memory compression

50% faster
CPU

Faster than any other smartphone chip

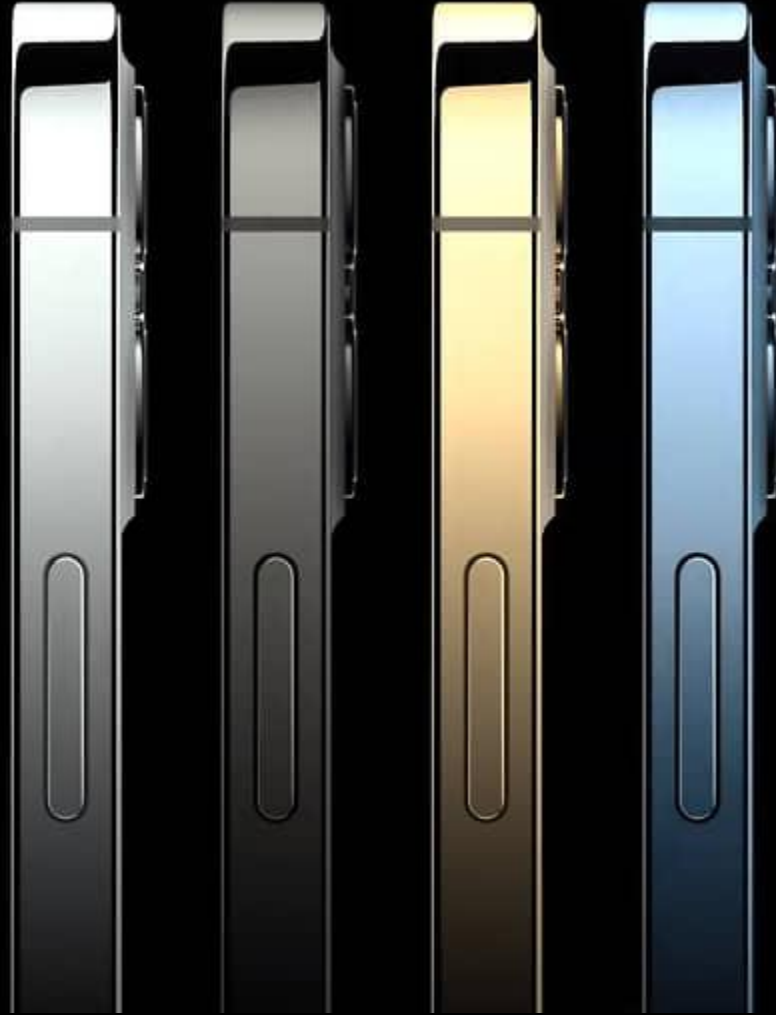
Machine learning controller.



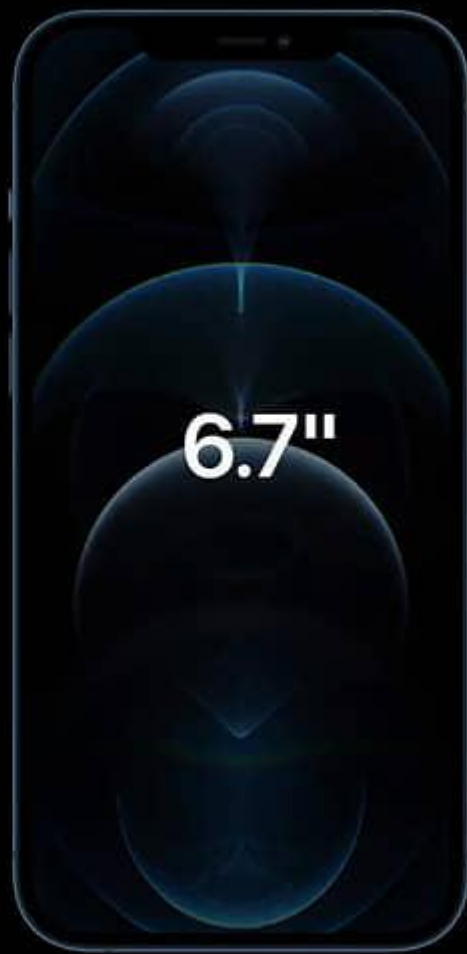
Best machine learning platform in a smartphone

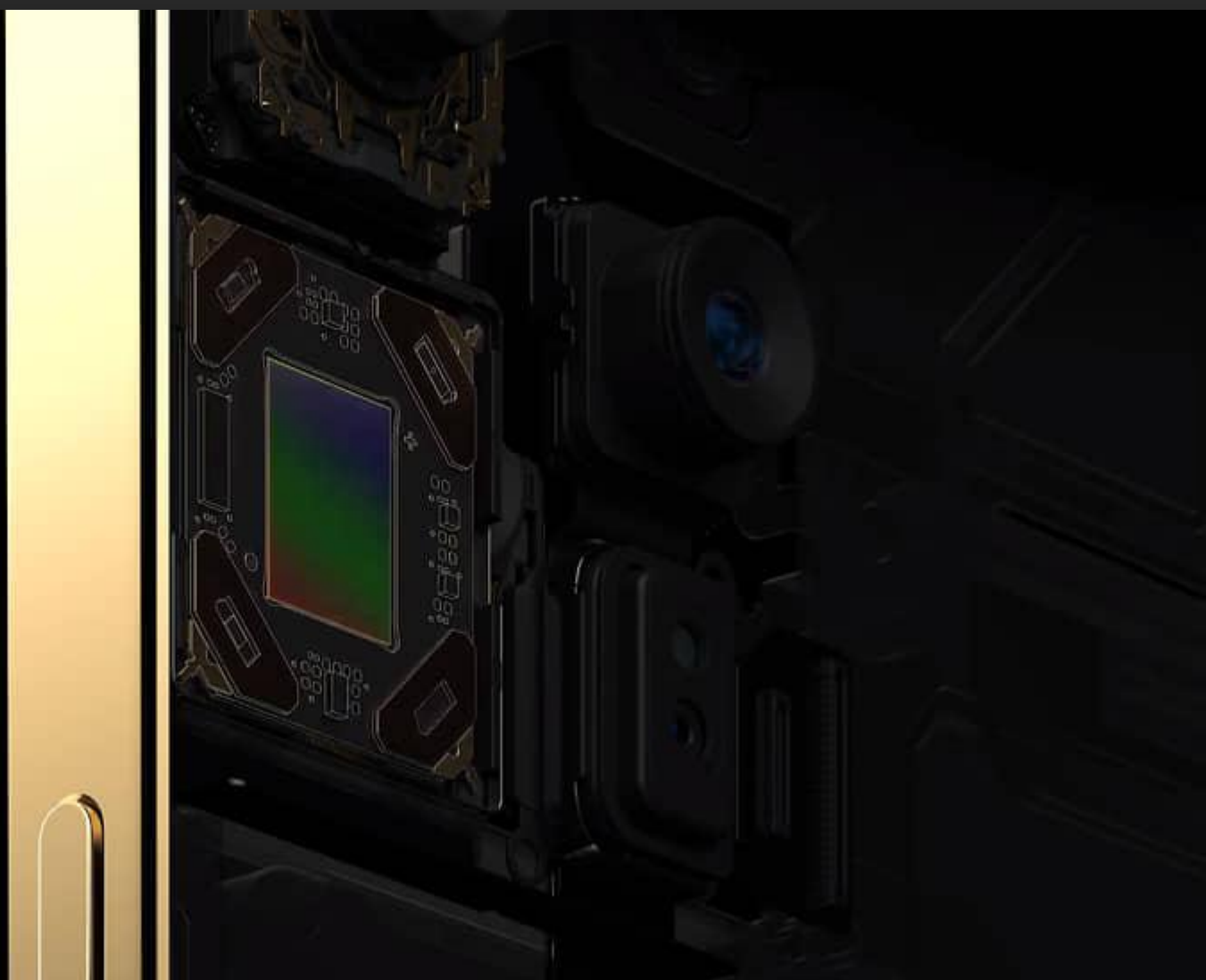


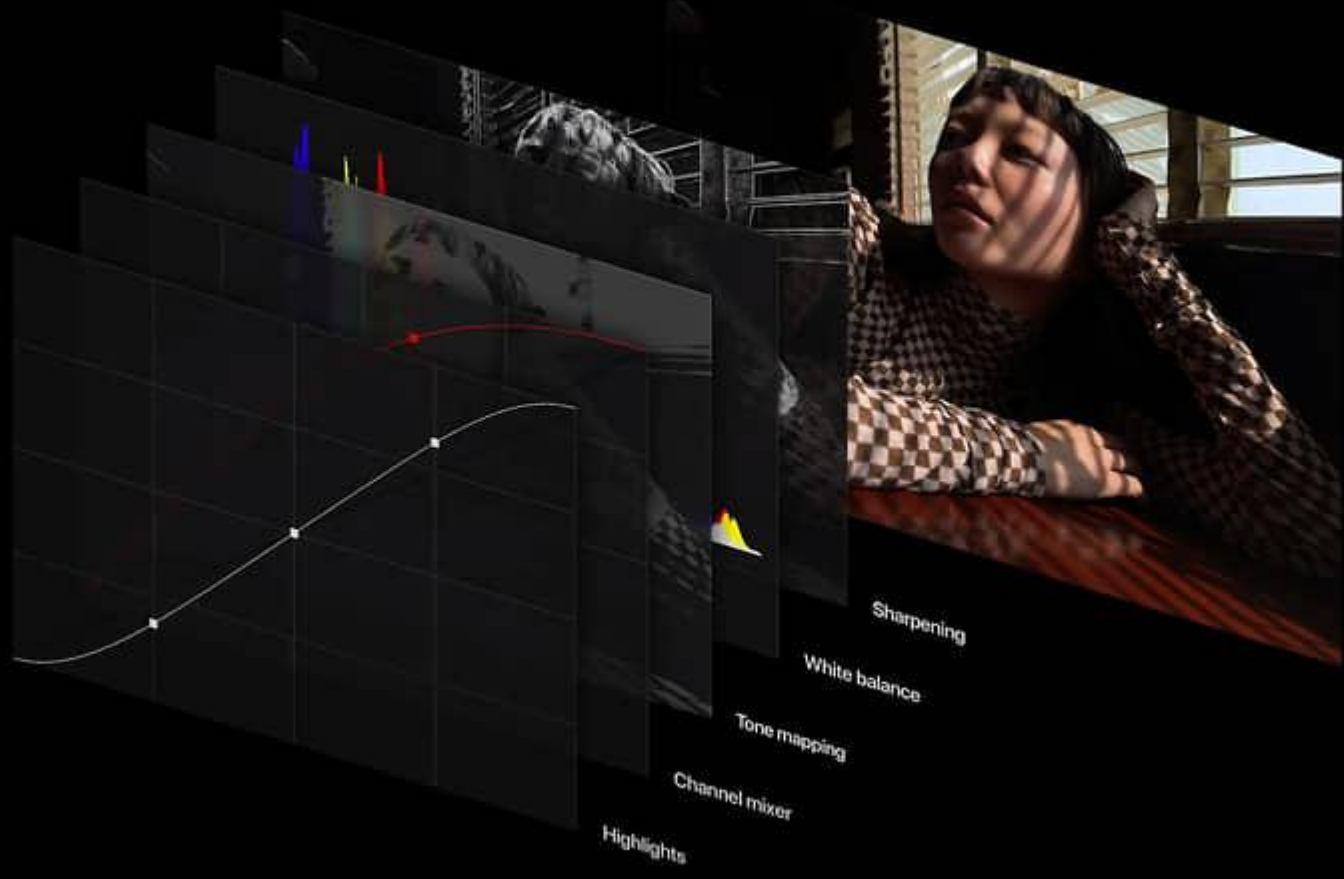
Secure Enclave











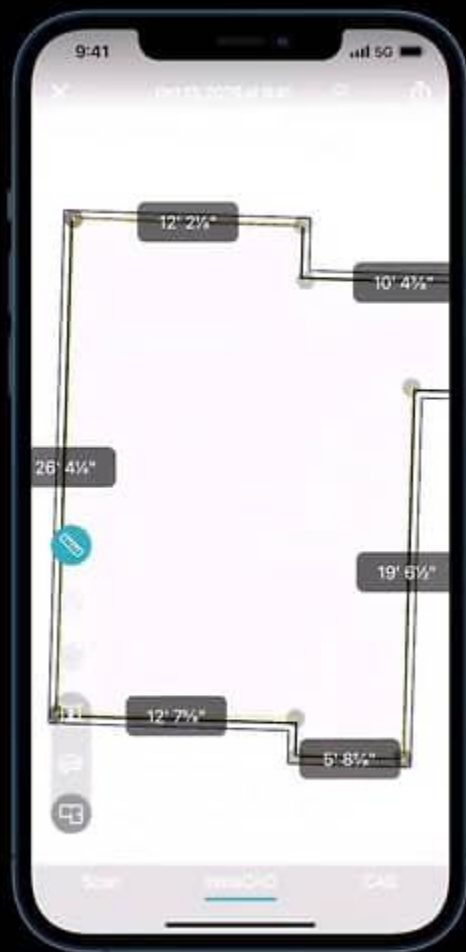
Highlights

Channel mixer

Tone mapping

White balance

Sharpening





Apple ProRAW

LIDAR



Smart HDR 3

4K HDR

video recording with Dolby Vision



Face ID



Stainless steel flat design



MagSafe



Super Retina XDR

Ceramic Shield

Pro camera system

Wide
Telephoto
Ultra Wide

6.7" 6.1"

New display sizes

New colors

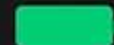
Pacific Blue
Gold
Graphite
Silver

5G

Water
and
dust
resistant

IP68 up to 6 m

Apple U1



Great battery life

From
\$699



From
\$799