

5 nanometer process



Thunderbolt / USB 4 controller

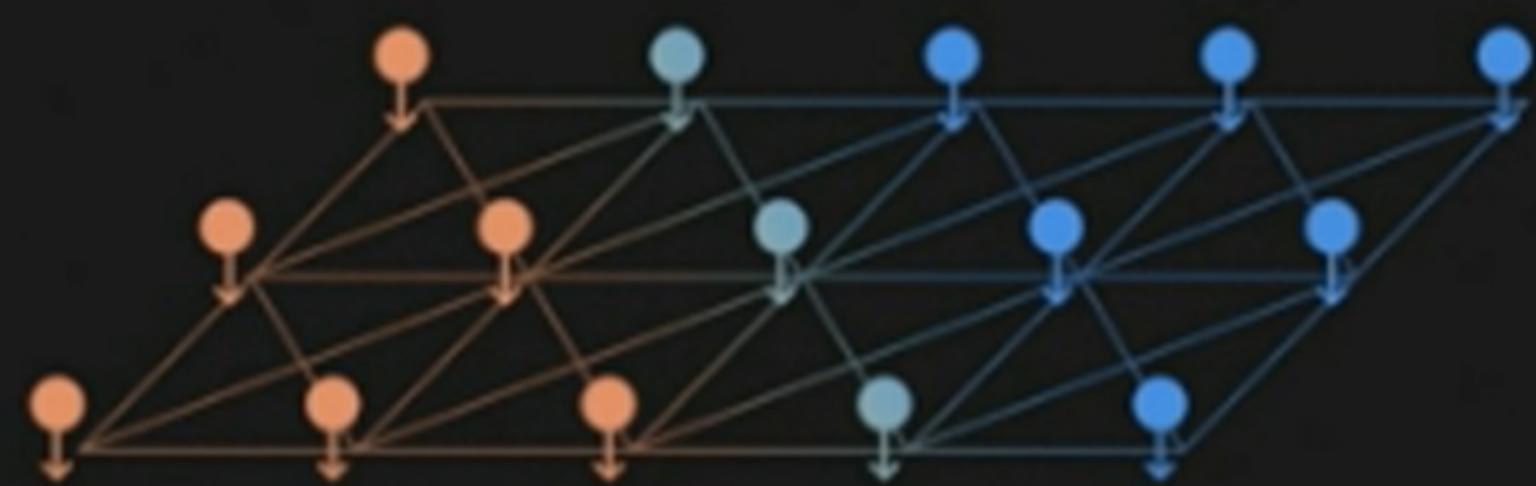


Media encode and decode engines

16 billion
transistors



Advanced image signal processor



Machine learning accelerators

16-core

Neural Engine

11 trillion operations per second

apple M1

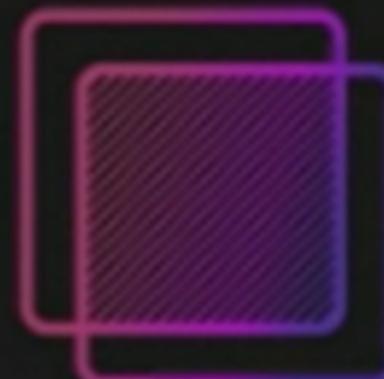
Up to

**8-core
GPU**

**8-core
CPU**



Secure Enclave



Unified memory architecture

**Industry-leading
performance per watt**