

**5 nanometer
process**



Machine learning accelerators

16-core
**Neural
Engine**

11 trillion operations per second



Thunderbolt / USB 4
controller



Media encode and
decode engines

16 billion
transistors

 **M1**

Up to
**8-core
GPU**

**8-core
CPU**



Advanced image signal processor



Secure Enclave



Unified memory architecture

**Industry-leading
performance per watt**