

# Apple processor APL1022

## Name: A9



Semiconductor technology:  
16 nm TSMC

Die size:  
104,5 mm<sup>2</sup>

Transistors:  
>2 billion

CPU ISA:  
ARMv8-A

CPU:  
1,85 GHz  
Dual core  
Twister

CPU cache:  
L1i: 64 KB  
L1d: 64 KB  
L2: 3 MB  
L3: 4 MB  
Inclusive

GPU:  
PowerVR GT7600  
hexa-core @ 600 MHz 230,4 GFLOPS

Memory technology:  
64-bit Single-channel  
1600 MHz  
LPDDR4-3200  
(25,6 GB/sec)

Introduced:  
September 2015

Utilizing devices:

iPhone 6S  
iPhone 6S Plus  
iPhone SE  
iPad 2017