

# Apple processor APL5698

## Name: A7



Semiconductor technology:  
28 nm HKMG

Die size:  
102 mm<sup>2</sup>

Transistors:  
1 billion

CPU ISA:  
ARMv8-A

CPU:  
1,4 GHz  
Dual core  
Cyclone

CPU cache:  
L1i: 64 KB  
L1d: 64 KB  
L2: 1 MB  
L3: 4 MB  
Inclusive

GPU:  
PowerVR G6430  
quad-core @ 450 MHz 115,2 GFLOPS

Memory technology:  
64-bit Single-channel  
800 MHz  
LPDDR3-1600  
(12,8 GB/sec)

Introduced:  
October 2013

Utilizing devices:

iPad Air 1st gen.