

Apple processor APL1012

Name: A8X



Semiconductor technology:
20 nm TSMC

Die size:
128 mm²

Transistors:
3 billion

CPU ISA:
ARMv8-A

CPU:
1,5 GHz
triple core
Typhoon

CPU cache:
L1i: 64 KB
L1d: 64 KB
L2: 2 MB
L3: 4 MB
Inclusive

GPU:
PowerVR G6850
octa-core @ 450 MHz 230,4 GFLOPS

Memory technology:
64-bit Dual-channel
800 MHz
LPDDR3-1600
(25,6 GB/sec)

Introduced:
October 2014

Utilizing devices:
iPad Air 2

