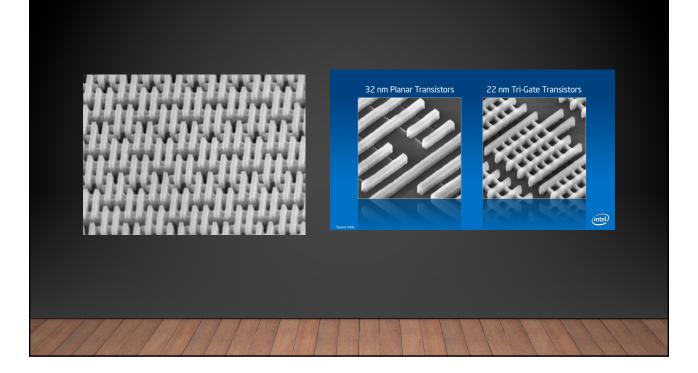
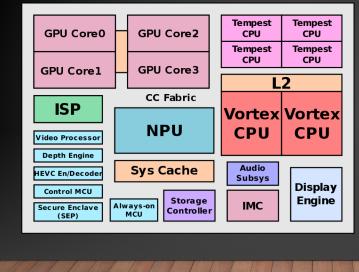
APPLE A12 PROCESSOR

ANDREW NASCIMENTO



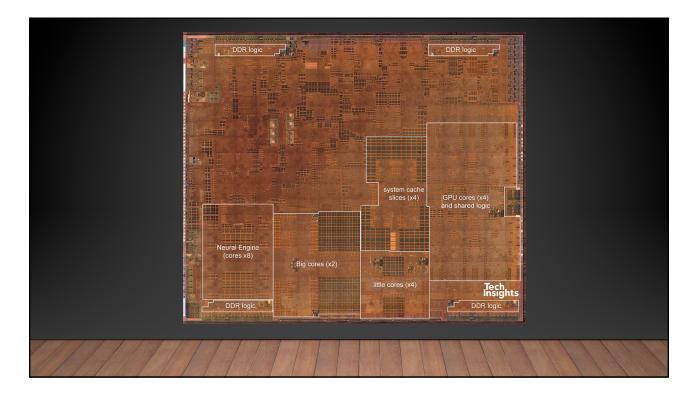
9th Generation Apple-designed processor Debuted on iPhone XS First commercial 7nm mobile processor 6.9 Billion Transistors 2.49 GHz 64-Bit ARM Architecture





System-on-chip:

- 2 high-performance cores
- 4 energy-efficient cores
- 4-core GPU
- 8-core neural engine
 - 4 GB RAM
 - Auxiliary Processors



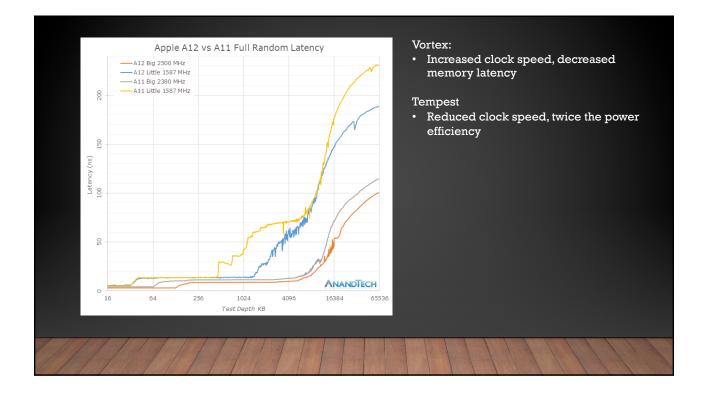


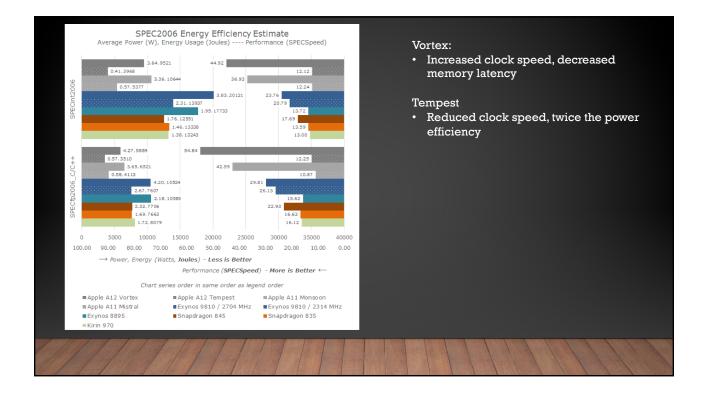




Neural Engine:

- Processor dedicated to machine learning functions
- Used by photos app to identify objectsUsed in AR apps to render objects





5

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