Efficient 2-wide Superscalar Engine

- Dual Decode for power efficiency and performance
 - Instruction-fusion capability
 - Reduced set of instructions split into Micro-OPs
- Out-of-order branch capability
- Optimized issuing and renaming resources
 - Resource sharing improved for AArch64 and AArch32 for area and power reduction
 - Low-level optimization for Data Engine for timing and performance improvement
 - Improved issue-queue load-balancing algorithm

