

Small cores for high power efficiency

Large Core

Out-of-Order
Full IA ISA
21 mm²

Raw efficiency

- 32 GF @ 4 GHz
- 1.5 GF / mm²
- 1.4 GF / Watt

Small Core

Low Power
Full IA ISA
6 mm²

Raw efficiency

- 32 GF @ 4 GHz
- 6.4 GF / mm²
- 5.9 GF / Watt

Small, highly-threaded cores:

- Improved power and area efficiency
- Greater design economy
- Excellent Single Thread performance