Conventional Address Translation

Core

iTLB dTLB

Private Caches
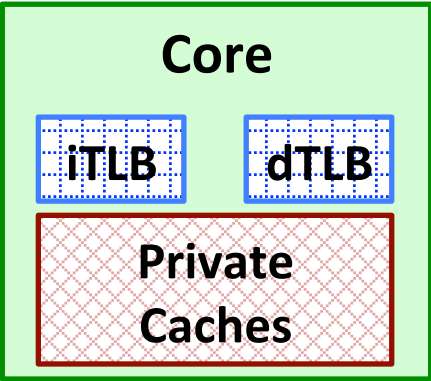
Modern Address Translation

Core

iTLB dTLB

L2 TLB PTW

MMU $ nTLB

Private Caches

Core

iTLB dTLB

L2 TLB PTW

MMU $ nTLB

Private Caches

Shared Caches