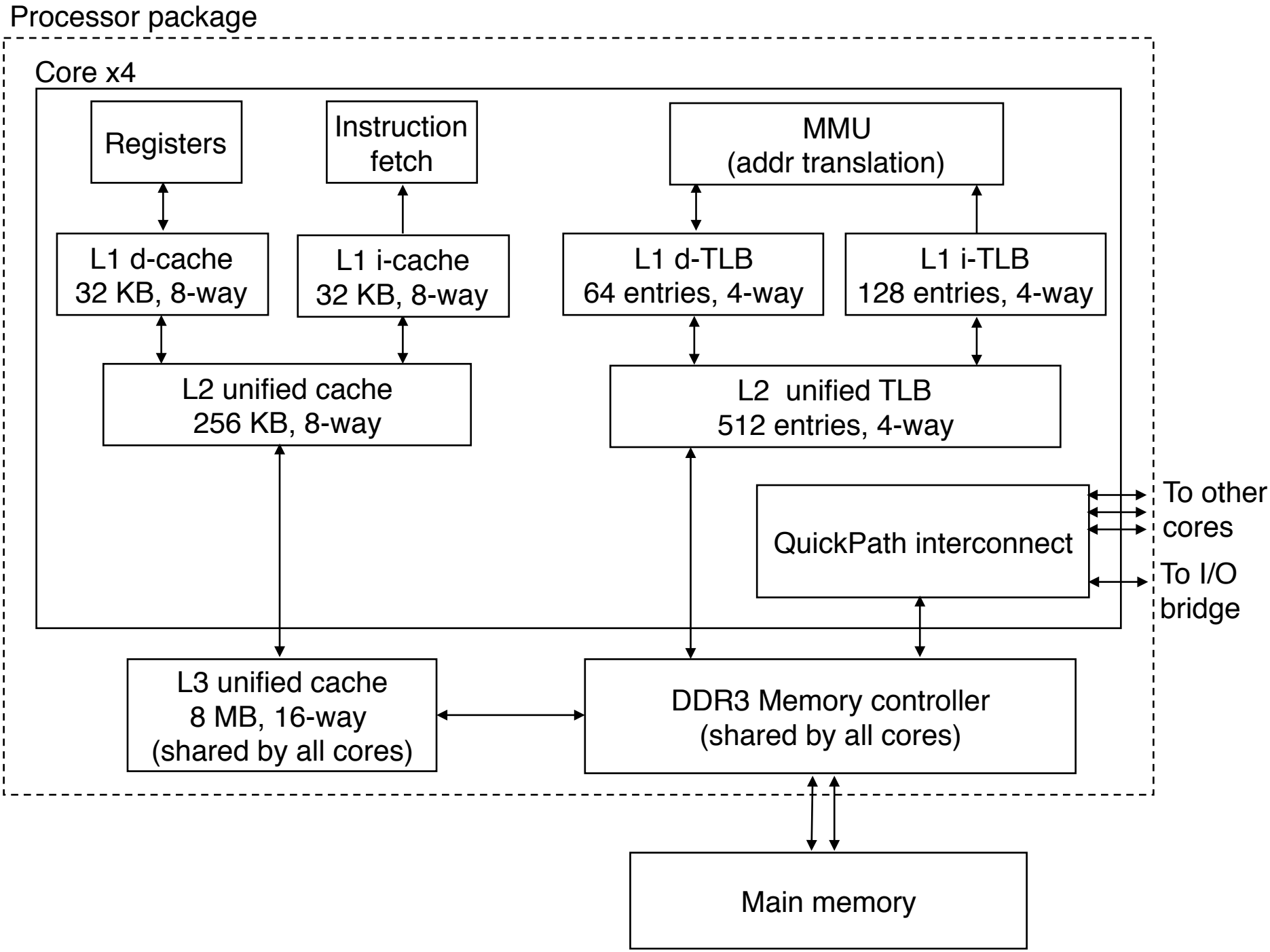
Processor package
Core x4
Registers
Instruction fetch
MMU (addr translation)
L1 d-cache 32 KB, 8-way
L1 i-cache 32 KB, 8-way
L1 d-TLB 64 entries, 4-way
L1 i-TLB 128 entries, 4-way
L2 unified cache 256 KB, 8-way
L2 unified TLB 512 entries, 4-way
QuickPath interconnect
To other cores
To I/O bridge
L3 unified cache 8 MB, 16-way (shared by all cores)
DDR3 Memory controller (shared by all cores)
Main memory