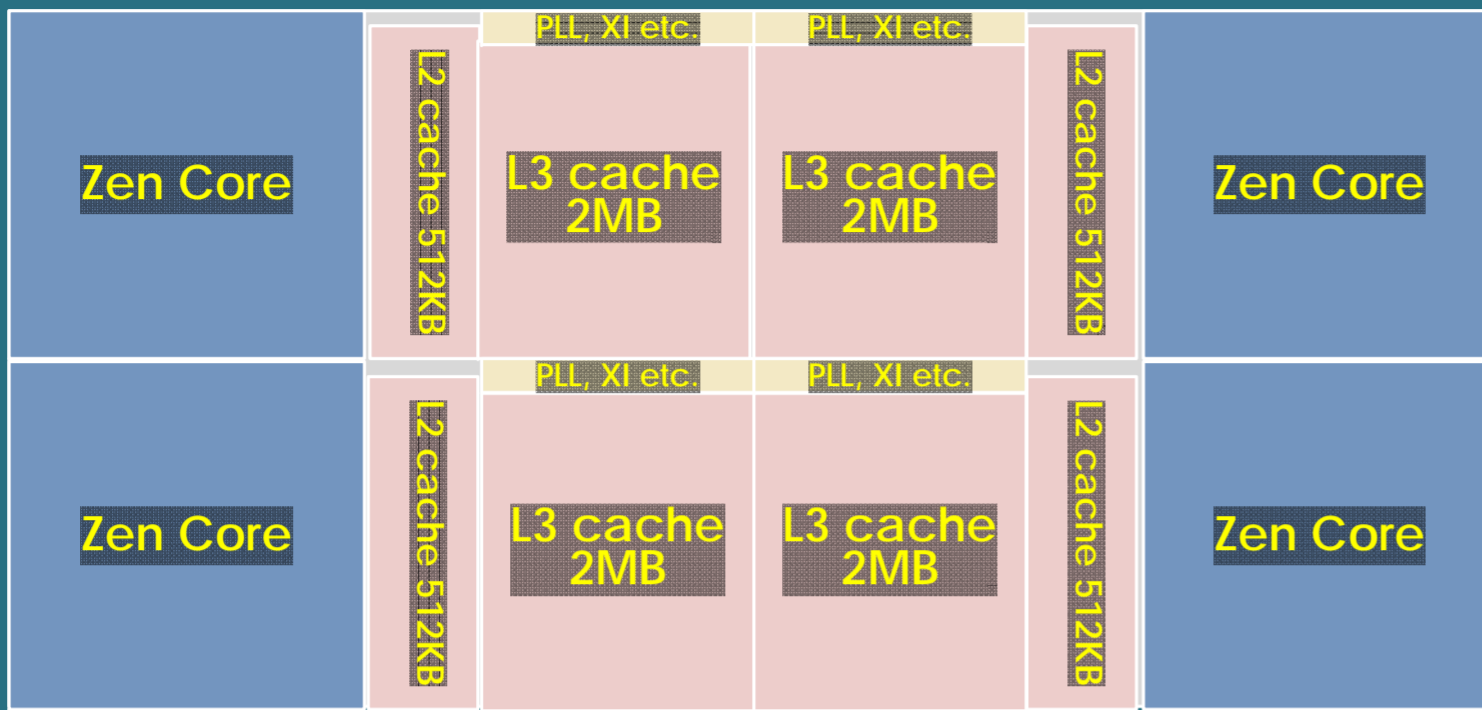


AMD Zen CCXs

Zen CCX(Core Complex) Unit (4 CPU Cores+8MB L3)

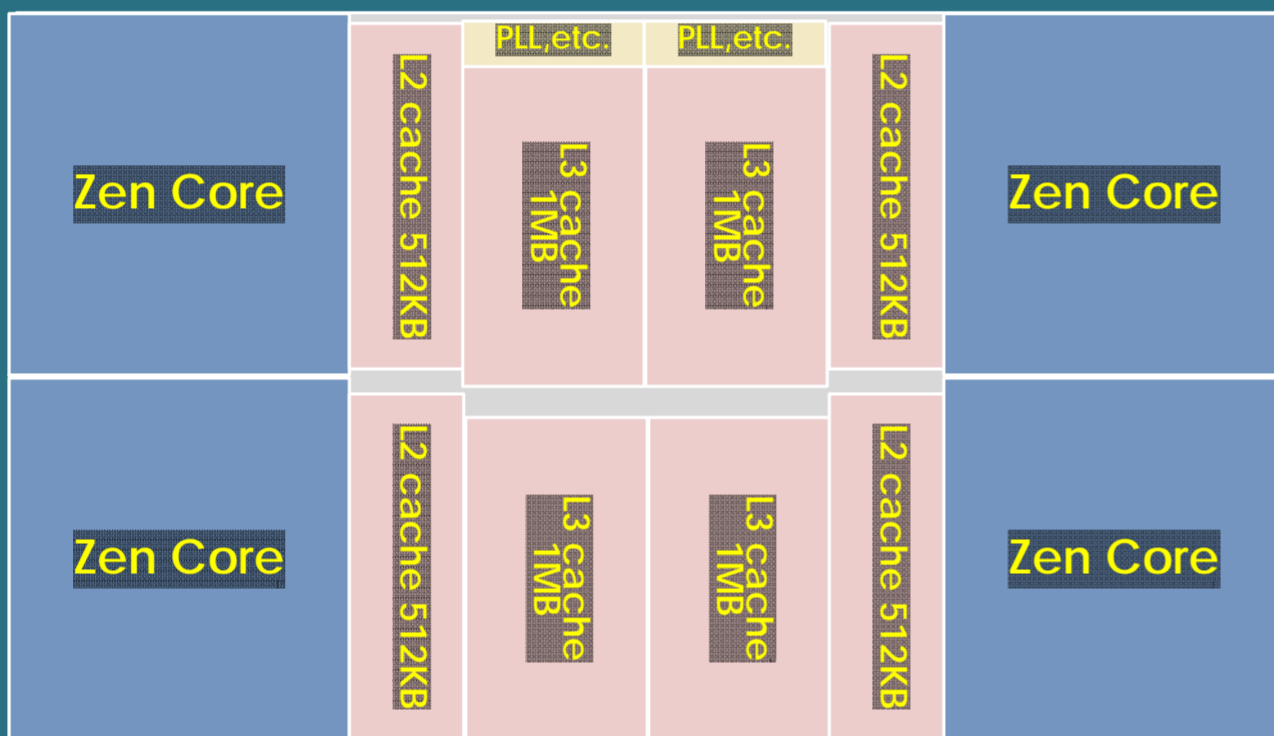


4 ZEN CPU cores(8 Threads)
2MB L2 cache(512KBx4)
8MB L3 cache

14 nm FinFET Process
(GLOBALFOUNDRIES 14LPP)
44 mm²
1.4B transistors

14nm

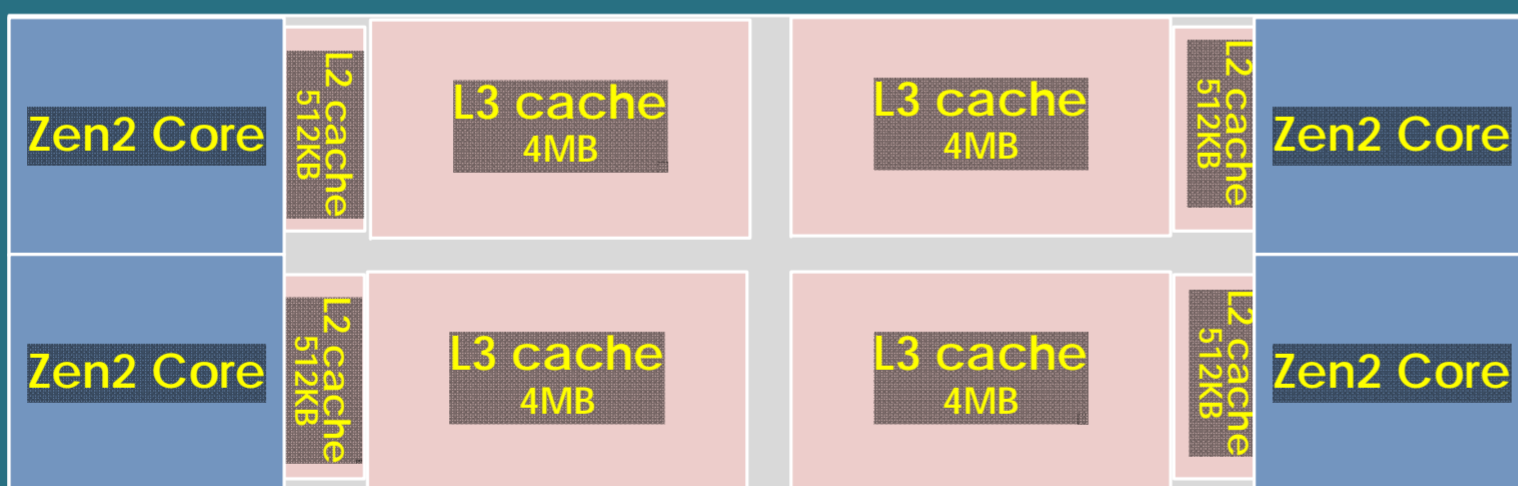
Zen CCX(Core Complex) Unit (4 CPU Cores+4MB L3)



4 ZEN CPU cores(8 Threads)
2MB L2 cache(512KBx4)
4MB L3 cache

14 nm FinFET Process
(GLOBALFOUNDRIES 14LPP)
39 mm²
1.2B transistors

Zen CCX(Core Complex) Unit (4 CPU Cores+8MB L3)

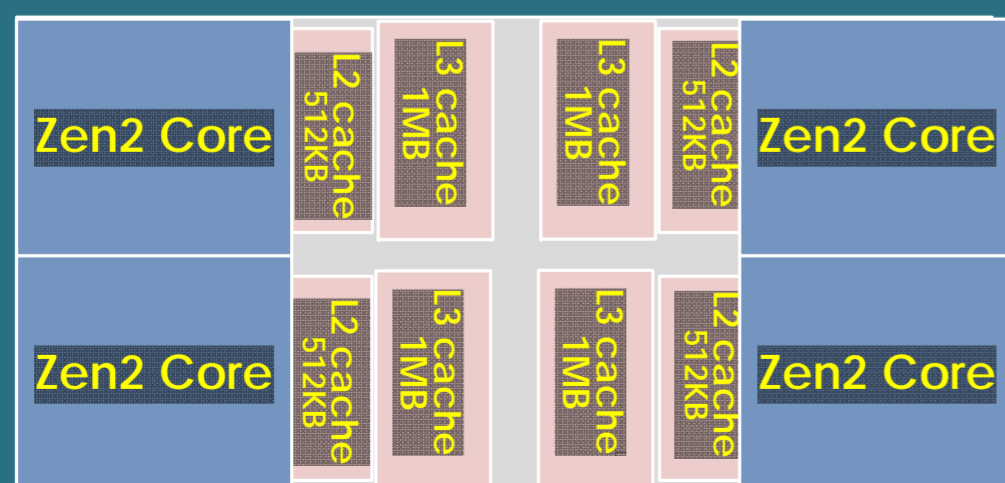


4 ZEN2 CPU cores(8 Threads)
2MB L2 cache(512KBx4)
16MB L3 cache

7 nm FinFET Process
(TSMC N7)
31.3 mm²
<1.9B transistors

7nm

Zen2 CCX(Core Complex) Unit (4 CPU Cores+4MB L3)



4 ZEN2 CPU cores(8 Threads)
2MB L2 cache(512KBx4)
4MB L3 cache

7 nm FinFET Process
(TSMC N7)
21? mm²