Intel Knights Landing (KNL):

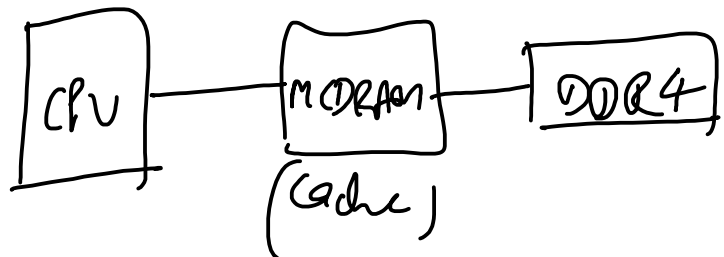2-3 years ahead of Xeon.

Xeon Phi _ KNC

Stampede KNL compute

fast Memory
Traditional Memory.

— — — —

Chip with 68 cores paired called pipes
⇒ 34 pipes

Each core has 2 VPUs (512-bit)

Cache Mode:

CPU — MCDRAM — DDR4
(Cache)

flat Mode: ☐ MCDRAM

CPU