

	Cray XK7 (Titan)	Cray XC30 (Edison)
Core	AMD Interlagos	Intel Ivy Bridge
Clock (GHz)	2.2	2.4
Private Cache (KB)	16+2048	32+256
DP GFlop/s/core	8.8	19.2
Socket Arch.	Opteron 6172	Xeon E5-2695 v2
Cores per socket	16	12
Threads per socket	16	24 ¹
L3 cache per socket	2×8 MB	30 MB
Node Arch.	Hypertransport	QPI (8 GT/s)
Sockets/node	1	2
STREAM BW ²	31 GB/s	104 GB/s
Memory per node	32 GB	64 GB
Interconnect	Gemini (3D Torus)	Aries (Dragonfly)