Chip	**KNC**	**KNL**
Type	Co-processor	Self-hosted
Frequency	1.1 GHz	1.4 GHz
DP Performance	1 Tflops	3 Tflops
SP Performance	2 Tflops	6 Tflops
STREAM BW	159 GB/s	450 GB/s
DDR	16 GB	384 GB
MCDDR	0 GB	16 GB
Generation	22 nm	14 nm
#Cores	60	72
#VPUs	1 per Core	2 per Core
Out of Order	No	Yes
Branch Prediction	No	Yes
Fast unaligned mem access	No	Yes