Microarchitecture	Intel SandyBridge-EP
Model	Xeon E5-2680
Clock speed (fixed)	$2.7\mathrm{GHz}$
Cores/Threads	8/16
SIMD Support	SSE (128 bit), AVX (256 bit)
L1/L2/L3 Cache	$8\times32\mathrm{kB}/8\times256\mathrm{kB}/20\mathrm{MB}$
Main Memory Configuration	4 channels DDR3- 1600
Update Benchmark Bandwidth	$40\mathrm{GB/s}$