

Number of cores	7H12	7H12	7H12	7H12	7H12	7502	7502	7502	7502	7502
	single node	single node	node206	single node	node206	node202	single node	two nodes InfiniBand	single node	two nodes InfiniBand
	omp = 4 NB = 224 N = 351680	omp = 4 NB = 224 N = 173824	omp = 4 NB = 224 N = 173824	omp = 8 NB = 224 N = 351680	omp = 8 NB = 224 N = 248640	omp = 4 NB = 224 N = 173824	omp = 4 NB = 224 N = 248640	omp = 4 NB = 224 N = 351680	omp = 8 NB = 224 N = 248640	omp = 8 NB = 224 N = 248640
128	4.02 Tflops 75 % Rpeak 2290 MHz	3.81 Tflops 72 % Rpeak 2320 MHz	3.77 Tflops 71 % Rpeak 2280 MHz	4.14 Tflops 78 % Rpeak 2270 MHz	3.92 Tflops 74 % Rpeak 2310 MHz			5.07 Tflops 99 % Rpeak 2870 MHz		5.13 Tflops 100 % Rpeak 2870 MHz
120	3.86 Tflops 77 % Rpeak 2350 MHz	3.63 Tflops 73 % Rpeak 2370 MHz	3.65 Tflops 73 % Rpeak 2340 MHz					4.73 Tflops 98 % Rpeak 2910 MHz		
112	3.69 Tflops 79 % Rpeak 2410 MHz	3.50 Tflops 75 % Rpeak 2420 MHz	3.44 Tflops 74 % Rpeak 2540 MHz	3.62 Tflops 78 % Rpeak 2420 MHz	3.54 Tflops 76 % Rpeak 2460 MHz			4.39 Tflops 98 % Rpeak 2960 MHz		
104	3.08 Tflops 71 % Rpeak 2490 MHz	3.21 Tflops 74 % Rpeak 2500 MHz	3.17 Tflops 73 % Rpeak 2540 MHz							
96	3.45 Tflops 86 % Rpeak 2550 MHz	3.26 Tflops 82 % Rpeak 2580 MHz	3.28 Tflops 82 % Rpeak 2590 MHz	2.99 Tflops 75 % Rpeak 2590 MHz	2.87 Tflops 72 % Rpeak 2580 MHz			3.64 Tflops 95 % Rpeak 2920 MHz		3.81 Tflops 99 % Rpeak 3000 MHz
88	3.25 Tflops 89 % Rpeak 2690 MHz	3.01 Tflops 82 % Rpeak 2710 MHz	3.02 Tflops 83 % Rpeak 2740 MHz							
80	3.04 Tflops 91 % Rpeak 2750 MHz	2.88 Tflops 87 % Rpeak 2780 MHz	2.84 Tflops 85 % Rpeak 2840 MHz	2.61 Tflops 78 % Rpeak 2760 MHz	2.51 Tflops 75 % Rpeak 2820 MHz			3.24 Tflops 101 % Rpeak 3150 MHz		
72	2.83 Tflops 95 % Rpeak 2850 MHz	2.68 Tflops 89 % Rpeak 2890 MHz	2.71 Tflops 90 % Rpeak 2900 MHz					3.10 Tflops 108 % Rpeak 3240 MHz		
64	2.71 Tflops 102 % Rpeak 3020 MHz	2.55 Tflops 96 % Rpeak 3030 MHz	2.53 Tflops 95 % Rpeak 2990 MHz	2.65 Tflops 100 % Rpeak 2980 MHz	2.59 Tflops 97 % Rpeak 2990 MHz	2.43 Tflops 95 % Rpeak 2810 MHz	2.57 Tflops 100 % Rpeak 2860 MHz	3.04 Tflops 119 % Rpeak 3320 MHz	2.56 Tflops 100 % Rpeak 2870 MHz	2.58 Tflops 101 % Rpeak 2890 MHz
56	2.41 Tflops 104 % Rpeak 3100 MHz	2.23 Tflops 96 % Rpeak 3090 MHz	2.23 Tflops 96 % Rpeak 3090 MHz			2.11 Tflops 94 % Rpeak 2950 MHz	2.24 Tflops 100 % Rpeak 2970 MHz			
48	2.12 Tflops 106 % Rpeak 3180 MHz	1.98 Tflops 99 % Rpeak 3160 MHz	1.94 Tflops 97 % Rpeak 3080 MHz	2.00 Tflops 100 % Rpeak 3070 MHz	1.95 Tflops 97 % Rpeak 3060 MHz	1.82 Tflops 95 % Rpeak 3000 MHz	1.82 Tflops 95 % Rpeak 2870 MHz		1.77 Tflops 92 % Rpeak 3000 MHz	
40	1.81 Tflops 109 % Rpeak 3200 MHz	1.74 Tflops 105 % Rpeak 3250 MHz	1.72 Tflops 104 % Rpeak 3180 MHz			1.64 Tflops 103 % Rpeak 3100 MHz	1.67 Tflops 105 % Rpeak 3150 MHz			
32	1.45 Tflops 109 % Rpeak 3240 MHz	1.39 Tflops 104 % Rpeak 3250 MHz	1.44 Tflops 108 % Rpeak 3190 MHz	1.36 Tflops 102 % Rpeak 2990 MHz	1.33 Tflops 100 % Rpeak 3040 MHz	1.45 Tflops 113 % Rpeak 3230 MHz	1.52 Tflops 118 % Rpeak 3320 MHz		1.06 Tflops 83 % Rpeak 2880 MHz	1.26 Tflops 98 % Rpeak 3210 MHz
24	1.13 Tflops 113 % Rpeak 3270 MHz	1.09 Tflops 109 % Rpeak 3290 MHz	1.09 Tflops 109 % Rpeak 3140 MHz			1.10 Tflops 114 % Rpeak 3200 MHz	1.14 Tflops 119 % Rpeak 3310 MHz			
16	0.76 Tflops 115 % Rpeak 3290 MHz	0.73 Tflops 110 % Rpeak 3290 MHz	0.73 Tflops 109 % Rpeak 3100 MHz	0.76 Tflops 115 % Rpeak 3160 MHz	0.75 Tflops 113 % Rpeak 3010 MHz	0.73 Tflops 115 % Rpeak 3090 MHz	0.77 Tflops 121 % Rpeak 3310 MHz		0.64 Tflops 100 % Rpeak 3230 MHz	
8	0.38 Tflops 115 % Rpeak 3290 MHz	0.37 Tflops 112 % Rpeak 3290 MHz	0.38 Tflops 113 % Rpeak 3000 MHz			0.39 Tflops 121 % Rpeak 3050 MHz	0.39 Tflops 123 % Rpeak 3340 MHz			