BQCD		Number of physical cores										
	Datasets	8	16	32	64	128	256	512	1024	2048	4096	Comment
SGI Altix HLRB2 (HD)	24*24*24*48, 50 iter.				134,47	59,17	28,8	23,93	13,43	8,36		
	48*48*48*96, 50 iter.				2813,25	1439,93	730,35	307,92	173,63	102,41		
	48*48*48*96, 100 iter.											
SGI Altix HLRB2 (HB)	24*24*24*48, 50 iter.				103,30	47,5	24,07	13,23	9,63	6,85		
	48*48*48*96, 50 iter.				1804,88	938,96	484,98	232,27	135,65	60,17		
	48*48*48*96, 100 iter.											
IBM P6 vip (ST)	24*24*24*48, 50 iter.				71,97	30,14	20,77	13,37	16,71	6,67		
	48*48*48*96, 50 iter.				2481,87	1231,58	449,70	235,52	159,34	51,55		
	48*48*48*96, 100 iter.				4927,35	2423,08	891,95	465,31	417,06	211,65		
IBM P6 vip (SMT)	24*24*24*48, 50 iter.				49,07	23,87	13,51	8,49	5,48	3,81		
	48*48*48*96, 50 iter.						262,09	136,07	57,03	27,29	18,28	
	48*48*48*96, 100 iter.						519,61	270,06	113,16	62,88	34,08	
Cray XT4 HECToR	24*24*24*48, 50 iter.				220,44	114,44	54,02	29,41	14,71	8,70	6,75	
	48*48*48*96, 50 iter.					1677,45	866,17	438,75	231,81	120,76	63,89	
	48*48*48*96, 100 iter.											
Cray X2 HECToR	24*24*24*48, 50 iter.											
	48*48*48*96, 50 iter.											
	48*48*48*96, 100 iter.											
IBM BGP Babel	24*24*24*48, 50 iter.				288,64	148,84	78,97	39,61	24,8	14,21	10,52	
	48*48*48*96, 50 iter.							582,67	310,3	161,56	66,92	
	48*48*48*96, 100 iter.							1154,21	601,6	319,87	132,59	
IBM PowerPC MareNostrum	24*24*24*48, 50 iter.				348,93	185,73	89,11	41,02	22,36			
	48*48*48*96, 50 iter.							710,35	388,55			
	48*48*48*96, 100 iter.											
IBM BGP JUGENE	24*24*24*48, 50 iter.				300,71	144,22	74,74	37,34	22,04	10,26	8,64	
	48*48*48*96, 50 iter.							564,61	312,06	140,71	83,71	
	48*48*48*96, 100 iter.							1118,49	618,13	278,8	165,78	
IBM SP6 CINECA (ST)	24*24*24*48, 50 iter.				46,85	22,37	12,03	6,24	4,19	3,36		
	48*48*48*96, 50 iter.				1191,96	593,86	272,21	125,29	71,43	27,7		
	48*48*48*96, 100 iter.											
IBM SP6 CINECA (SMT)	24*24*24*48, 50 iter.				114,98	42,04	20,85	9,8	5,46			
	48*48*48*96, 50 iter.				2306,16	1169,75	621,83	281,73	150,53			
	48*48*48*96, 100 iter.											
Intel Nehalem JuRoPA	24*24*24*48, 50 iter.				83,8	38	19,36	8,37	4,52	4,22	2,58	
	48*48*48*96, 50 iter.				1299	665,9	346,57	174,34	94,97	39,95	22,32	
	48*48*48*96, 100 iter.											
NEC SX9 HLRS	24*24*24*48, 50 iter.											
	48*48*48*96, 50 iter.											
	48*48*48*96, 100 iter.											
Dell PowerEdge Ekman	24*24*24*48, 50 iter.				202,51	90,98	46,12	19,76	8,01	5,37		mpi_paffinity_alone=1
	48*48*48*96, 50 iter.				3608,02	1576,13	797,26	405,8	212,82	99,93		mpi_paffinity_alone=1
	48*48*48*96, 100 iter.											

	Datasets	72	132	264	516	1032	2052	4104	Comment
Cray XT5 Rosa	24*24*24*48, 50 iter.	234,05	118,1	61	34,04	32,11	23,67	22,28	
	48*48*48*96, 50 iter.		1811,59	902,72	498,75	269,04	144,55	75,83	
	48*48*48*96, 100 iter.								

	Datasets	72	144	264	528	1032	2064	4104	Comment
Cray XE6 HECToR	24*24*24*48, 50 iter.	167	101,44	52,59	27,11	12,84	7,05	5,89	
	48*48*48*96, 50 iter.		1473,38	769,58	396,69	207,3	110,56	54,69	
	48*48*48*96, 100 iter.								

CPMD

	Datasets	Number of physical cores 8	16	32	64	128	256	512	1024	2048	4096	Comment
SGI Altix HLRB2 (HD)	H2O_128mol											
	H2O_256mol											
	H2O_128mol taskgroup											
	H2O_256mol taskgroup											
	H2O_384mol taskgroup											
	H2O_512mol taskgroup											
SGI Altix HLRB2 (HB)	H2O_128mol											
	H2O_256mol											
	H2O_128mol taskgroup											
	H2O_256mol taskgroup											
	H2O_384mol taskgroup											
	H2O_512mol taskgroup											
IBM P6 vip (ST)	H2O_128mol			5,86	3,34	1,89	2,02	2,27	2,83			
	H2O_256mol			24,31	14,61	9,90	5,03	5,06	6,09			
	H2O_128mol taskgroup			8,85	4,60	2,08	1,45	0,99	1,21			
	H2O_256mol taskgroup			39,02	19,85	10,67	4,94	3,46	2,80			
	H2O_384mol taskgroup			104,20	51,82	26,96	13,93	9,20	6,08			
	H2O_512mol taskgroup				102,66	52,09	27,10	18,40	11,42			
IBM P6 vip (SMT)	H2O_128mol			6,51	3,38	4,02	4,22					
	H2O_256mol			28,05	18,87	9,28						
	H2O_128mol taskgroup			8,15	4,38	3,18	2,01	2,37				
	H2O_256mol taskgroup			36,42	53,82							
	H2O_384mol taskgroup			96,04	53,82							
	H2O_512mol taskgroup			189,41	102,90							
Cray XT4 HECToR	H2O_128mol			24,00	15,83	5,78	6,29	6,82	8,16			
	H2O_256mol			92,90	56,07	43,18	14,91	14,15	15,95			
	H2O_128mol taskgroup			24,54	13,02	9,34	7,80	3,57	6,84			taskgroup=4
	H2O_256mol taskgroup			101,16	53,46	29,00	18,73	13,59	9,92			taskgroup=4
	H2O_384mol taskgroup			233,71	125,24	68,93	41,60	30,54	27,03			taskgroup=4
	H2O_512mol taskgroup				257,21	138,21	87,54	57,36	36,04			taskgroup=4
Cray X2 HECToR	H2O_128mol											
	H2O_256mol											
	H2O_128mol taskgroup											
	H2O_256mol taskgroup											
	H2O_384mol taskgroup											
	H2O_512mol taskgroup											
IBM BGP Babel	H2O_128mol				7,64	4,13	4,39	5,72	8,20	13,03	25,03	taskgroup=1, SMP, MESH
	H2O_256mol					31,32	17,08	18,18	19,92	31,68	50,45	taskgroup=1, DUAL, MESH
	H2O_128mol taskgroup				6,30	4,00	2,80	1,90	2,56	3,05	5,40	taskgroup=4, SMP, MESH
	H2O_256mol taskgroup				26,47	26,15	16,37	10,98	7,38	10,47	12,46	taskgroup=4, DUAL, MESH
	H2O_384mol taskgroup											
	H2O_512mol taskgroup											
IBM PowerPC MareNostrum	H2O_128mol	37,00	22,73	8,77	19,96							
	H2O_256mol	145,26	81,14	49,26	45,88							
	H2O_128mol taskgroup	44,58	23,15	13,92	10,02	7,59	21,58					
	H2O_256mol taskgroup	167,12	97,42	54,28	28,11	21,26	39,85					
	H2O_384mol taskgroup	391,66	229,70	129,41	67,58	50,43	43,52					
	H2O_512mol taskgroup		439,26	243,31	128,84	92,72	69,40					
IBM BGP JUGENE	H2O_128mol		60,42	38,20	21,67	8,94	8,52	8,73				
	H2O_256mol			144,02	87,66	49,55	22,87	20,57				
	H2O_128mol taskgroup		6,95	32,87	17,32	10,37	6,99	3,88				
	H2O_256mol taskgroup				76,43	40,58	25,86	15,89				
	H2O_384mol taskgroup					107,85	65,37	40,53				
	H2O_512mol taskgroup							79,07				
IBM SP6 CINECA (ST)	H2O_128mol						18,57	54,45	49,72	7,07		
	H2O_256mol									23,46	40,39	
	H2O_128mol taskgroup						59,97	53,36	24,84	17,84		
	H2O_256mol taskgroup									113,82	89,95	
	H2O_384mol taskgroup										230,08	
	H2O_512mol taskgroup											
IBM SP6 CINECA (SMT)	H2O_128mol											
	H2O_256mol											
	H2O_128mol taskgroup											
	H2O_256mol taskgroup											
	H2O_384mol taskgroup											
	H2O_512mol taskgroup											
Intel Nehalem JuRoPA	H2O_128mol		18,41	9,87	7,21	8,18	16,91	3,41				
	H2O_256mol		82,96	44,14	25,94	21,87	34,85	7,20				
	H2O_128mol taskgroup		21,08	11,34	5,96	3,60	2,92	3,53				
	H2O_256mol taskgroup		96,03	48,27	25,60	13,75	8,62	8,35				
	H2O_384mol taskgroup			122,85	64,49	35,04	20,57	17,59				
	H2O_512mol taskgroup			126,37	123,61	67,33	38,63	31,36				
NEC SX9 HLRS	H2O_128mol											
	H2O_256mol											
	H2O_128mol taskgroup											
	H2O_256mol taskgroup											
	H2O_384mol taskgroup											
	H2O_512mol taskgroup											
Dell PowerEdge Ekman	H2O_128mol											
	H2O_256mol											
	H2O_128mol taskgroup											
	H2O_256mol taskgroup											
	H2O_384mol taskgroup											
	H2O_512mol taskgroup											

	Datasets	72	132	264	516	1032	2052	4104	Comment
Cray XT5 Rosa	H2O_128mol	20,93	6,51	7,91	9,51	10,46	13,71	17,67	
	H2O_256mol	62,84	32,90	21,64	23,07	23,13	19,80	21,98	
	H2O_128mol taskgroup	14,52	8,33	8,44	7,55	14,58	9,58	10,83	
	H2O_256mol taskgroup	58,69	33,61	22,24	20,32	26,00	19,05	21,45	
	H2O_384mol taskgroup	128,76	82,18	62,80	63,53	43,36	46,15	69,63	
	H2O_512mol taskgroup	210,81	155,19	110,19	105,15	75,52	82,57	81,65	

	Datasets	72	144	264	528	1032	2064	4104	Comment
Cray XE6 HECToR	H2O_128mol	12,03	5,11	6,31	6,01	7,78	7,66	9,04	
	H2O_256mol	45,47	30,04	13,40	13,39	15,10	15,73	19,04	
	H2O_128mol taskgroup	10,79	6,14	4,51	2,74	5,21	9,52	6,98	
	H2O_256mol taskgroup	44,90	25,22	13,92	12,03	10,99	19,22	12,77	
	H2O_384mol taskgroup	111,22	62,73	34,05	25,24	18,91	30,67	57,46	
	H2O_512mol taskgroup	209,73	119,98	68,21	46,18	29,34	44,94	78,51	

Fenfloss		Number of physical cores										
	Datasets	8	16	32	64	128	256	512	1024	2048	4096	Comment
SGI Altix HLRB2 (HD)	Cavity_224				227,57	114,04	70,00	43,07	61,46			
SGI Altix HLRB2 (HB)	Cavity_224				204,79	104,10	56,80	39,82	73,05			
IBM P6 vip (ST)	Cavity_224			104,68	50,48	26,09	15,24	11,84	21,00			
IBM P6 vip (SMT)	Cavity_224			82,12	51,56	34,94	35,13	52,43				
Cray XT4 HECToR	Cavity_224				122,29	63,66	30,53	16,22	12,59			
Cray X2 HECToR	Cavity_224	296,09	123,96	65,17	33,56	94,84						
IBM BGP Babel	Cavity_224											
IBM PowerPC MareNostrum	Cavity_224			328,56	183,90	94,84	47,72	36,43	34,26			
IBM BGP JUGENE	Cavity_224				310,33	155,49	87,43	49,12	29,13			XYZT, SMP (64 cores), DUAL (128 cores), VN (other)
IBM SP6 CINECA (ST)	Cavity_224				50,58	24,53	13,25	7,26	5,13			
IBM SP6 CINECA (SMT)	Cavity_224				36,14	20,56	10,96	7,83				
Intel Nehalem JuRoPA	Cavity_224			99,47	51,17	26,28	12,79	7,53	5,36			
NEC SX9 HLRS	Cavity_224		31,32	18,42	10,38							
Dell PowerEdge Ekman	Cavity_224											

	Datasets	72	132	264	516	1032	2052	4104	Comment
Cray XT5 Rosa	Cavity_224								

	Datasets	72	144	264	528	1032	2064	4104	Comment
Cray XE6 HECToR	Cavity_224								

GADGET

	Datasets	Number of physical cores 8	16	32	64	128	256	512	1024	2048	4096	Comment
SGI Altix HLRB2 (HD)	small dataset, no IO											
	medium dataset, no IO				199,99	96,39	52,80	30,58	18,64			
	large dataset, no IO											
SGI Altix HLRB2 (HB)	small dataset, no IO											
	medium dataset, no IO				194,09	93,70	51,59	29,29	17,11	17,72		
	large dataset, no IO											
IBM P6 vip (ST)	small dataset, no IO				9,51	5,13	2,71	1,61				
	medium dataset, no IO				138,1	66,99	34,55	18,83	9,42	8,46		
	large dataset, no IO								215,28	110,71		
IBM P6 vip (SMT)	small dataset, no IO											
	medium dataset, no IO											
	large dataset, no IO											
Cray XT4 HECToR	small dataset, no IO				12,97	7,42	5,05	2,25				
	medium dataset, no IO				120,69	59,16	31,20	16,54	9,16			
	large dataset, no IO							430,10	161,97	102,86	75,44	
Cray X2 HECToR	small dataset, no IO											
	medium dataset, no IO											
	large dataset, no IO											
IBM BGP Babel	small dataset, no IO											
	medium dataset, no IO						141,84	77,27	37,64	21,65		
	large dataset, no IO											
IBM PowerPC MareNostrum	small dataset, no IO				33,10	19,59	11,18	8,70				
	medium dataset, no IO				362,17	171,54	90,37	52,74				2 tasks per node (64 cores), 4 tasks per node (other)
	large dataset, no IO											
IBM BGP JUGENE	small dataset, no IO											
	medium dataset, no IO						145,55	80,26	39,44	22,10		VN mode
	large dataset, no IO											
IBM SP6 CINECA (ST)	small dataset, no IO				9,46	5,42	3,25	1,78				
	medium dataset, no IO				148,96	73,17	39,34	20,71	10,55			
	large dataset, no IO							476,12	232,97	120,01		
IBM SP6 CINECA (SMT)	small dataset, no IO				6,57	4,91	2,38	2,01				
	medium dataset, no IO				87,85	47,70	25,80	13,62	12,05			
	large dataset, no IO							262,67	137,59	105,11		
Intel Nehalem JuRoPA	small dataset, no IO				5,98	3,25	2,04	1,26				
	medium dataset, no IO				68,43	33,09	17,47	9,65	5,56	4,21		
	large dataset, no IO							179,62	87,75	44,95		
NEC SX9 HLRS	small dataset, no IO											
	medium dataset, no IO											
	large dataset, no IO											
Dell PowerEdge Ekman	small dataset, no IO				16,14	8,65	5,24	3,85				
	medium dataset, no IO				124,95	59,35	34,06	19,20	9,95			
	large dataset, no IO											

	Datasets	72	132	264	516	1032	2052	4104	Comment
Cray XT5 Rosa	small dataset, no IO	18,38	12,17						
	medium dataset, no IO	123,14	63,79	37,59	19,62	12,39			
	large dataset, no IO								

	Datasets	72	144	264	528	1032	2064	4104	Comment
Cray XE6 HECToR	small dataset, no IO	12,05	9,69	5,01	4,74				
	medium dataset, no IO	121,30	64,35	32,02	19,76	19,66			
	large dataset, no IO								

GENE		Number of physical cores										
	Datasets	8	16	32	64	128	256	512	1024	2048	4096	Comment
SGI Altix HLRB2 (HD)	strong_512						9,73	8,22	4,36	3,58		
SGI Altix HLRB2 (HB)	strong_512						10	6,98	5,05			
IBM P6 vip (ST)	strong_512						5,53	2,77	1,41			
IBM P6 vip (SMT)	strong_512						4,91	2,47	1,3			
Cray XT4 HECToR	strong_512						9,767	4,977	2,534	1,35		
Cray X2 HECToR	strong_512											
IBM BGP Babel	strong_512							19,7	10,18			
IBM PowerPC MareNostrum	strong_512						19,74	10,3	5,82			
IBM BGP JUGENE	strong_512							20,05	10,14	5,25		
IBM SP6 CINECA (ST)	strong_512							2,96	1,67	0,92		
IBM SP6 CINECA (SMT)	strong_512							2,47	1,41			
Intel Nehalem JuRoPA	strong_512						5,484	3,034	1,556	0,823		
NEC SX9 HLRS	strong_512											
Dell PowerEdge Ekman	strong_512											

	Datasets	72	132	264	516	1032	2052	4104	Comment
Cray XT5 Rosa	strong_512			8,645	4,565	2,469	1,424		

	Datasets	72	144	264	528	1032	2064	4104	Comment
Cray XE6 HECToR	strong_512			8,897	4,536	2,33	1,249		

IFS		Number of physical cores										
	Datasets	8	16	32	64	128	256	512	1024	2048	4096	Comment
SGI Altix HLRB2 (HD)	T159											
	T799											
	T1279											
SGI Altix HLRB2 (HB)	T159											
	T799											
	T1279											
IBM P6 vip (ST)	T159				2,78	1,45	0,78	0,48	0,32			2 way OpenMP
	T799					47,10	24,38	12,51	6,45	3,44		2 way OpenMP
	T1279						92,51	47,10	23,90	12,66		2 way OpenMP
IBM P6 vip (SMT)	T159				1,84	1	0,6	0,36	0,29			4 way OpenMP
	T799					31,73	16,71	8,7	4,45	2,74		4 way OpenMP
	T1279						65,29	32,79	17,6	9,47		4 way OpenMP
Cray XT4 HECToR	T159				4,5	2,39	1,28	0,79	0,49	0,4		4 way OpenMP
	T799					81,61	41,37	21,1	11,07	6,24	3,27	4 way OpenMP
	T1279						160,46	81,59	42,55	22,31	11,9	4 way OpenMP
Cray X2 HECToR	T159											
	T799											
	T1279											
IBM BGP Babel	T159						3,89	2,33	1,48	1,22		SMP, MESH
	T799							62,99	33,18	18,01	10,28	SMP, TORUS(4096 cores), MESH(rest)
	T1279								124,39	65,16	35,5	SMP, TORUS(4096 cores), MESH(rest)
IBM PowerPC MareNostrum	T159				7,93	4,41	2,61	1,63				4 way OpenMP
	T799					135,93	71	36,84				4 way OpenMP
	T1279						273,07	143,28				4 way OpenMP
IBM BGP JUGENE	T159						3,85	2,28	1,43	1,25		SMP, MESH
	T799							63,12	33,28	18,01	10,09	SMP, TORUS(4096 cores), MESH(rest)
	T1279								124,65	65,21	34,99	SMP, TORUS(4096 cores), MESH(rest)
IBM SP6 CINECA (ST)	T159				2,78	1,45	0,78	0,48	0,43			2 way OpenMP
	T799					47,12	24,21	12,62	6,61	3,6		2 way OpenMP
	T1279						94,47	47,83	24,56	12,75		2 way OpenMP
IBM SP6 CINECA (SMT)	T159				1,85	1	0,59	0,36	0,31			4 way OpenMP
	T799					32,14	16,79	8,72	4,7	2,73		4 way OpenMP
	T1279						68,43	33,31	17,32	9,73		4 way OpenMP
Intel Nehalem JuRoPA	T159				2,24	1,24	0,75	0,45	0,29			4 way OpenMP
	T799						19,23	9,8	5,08	2,71		4 way OpenMP
	T1279							39,17	19,93	10,48		4 way OpenMP
NEC SX9 HLRS	T159											
	T799											
	T1279											
Dell PowerEdge Ekman	T159				4,1	2,35	1,24	0,81	0,74			4 way OpenMP
	T799					72,08	36,53	18,75	9,81	6,64		4 way OpenMP
	T1279						144,36	72,09	37,03	19,6		4 way OpenMP

	Datasets	72	132	264	516	1032	2052	4104	Comment
Cray XT5 Rosa	T159	4,4	2,59	1,41	0,89	0,57			6 way OpenMP
	T799		82,52	41,59	22,41	11,65	6,35	3,72	6 way OpenMP
	T1279			167,75	85,14	43,89	22,92	12,61	6 way OpenMP

	Datasets	72	144	264	528	1032	2064	4104	Comment
Cray XE6 HECToR	T159	4,45	2,43	1,41	0,82	0,51	0,41	0,36	6 way OpenMP
	T799		78,27	43,46	22,54	12,54	6,42	3,67	6 way OpenMP
	T1279			168,13	88,73	46,39	24,93	12,92	6 way OpenMP

IQCS		Number of physical cores										
	Datasets	8	16	32	64	128	256	512	1024	2048	4096	Comment
SGI Altix HLRB2 (HD)	28 Qubits											
	29 Qubits											
	30 Qubits											
	31 Qubits											
	32 Qubits/1											
	32 Qubits/2											
	32 Qubits/3				104,31	57,18	31,93	81,70				
	33 Qubits											
	34 Qubits											
SGI Altix HLRB2 (HB)	28 Qubits											
	29 Qubits											
	30 Qubits											
	31 Qubits											
	32 Qubits/1											
	32 Qubits/2											
	32 Qubits/3					32,90	19,31	106,00				
	33 Qubits											
	34 Qubits											
IBM P6 vip (ST)	28 Qubits											
	29 Qubits											
	30 Qubits											
	31 Qubits											
	32 Qubits/1											
	32 Qubits/2											
	32 Qubits/3				46,31	26,87	16,83	10,34	5,82	3,48		
	33 Qubits				96,78	56,50	32,76	20,54	12,53			
	34 Qubits					118,19	68,68	40,65	25,29			
IBM P6 vip (SMT)	28 Qubits											
	29 Qubits											
	30 Qubits											
	31 Qubits											
	32 Qubits/1											
	32 Qubits/2											
	32 Qubits/3				48,24	29,56	17,55	10,46	7,31	4,22		
	33 Qubits					59,63	36,78	21,59	12,67			
	34 Qubits						74,39	45,54	25,96			
Cray XT4 HECToR	28 Qubits											
	29 Qubits											
	30 Qubits											
	31 Qubits											
	32 Qubits/1											
	32 Qubits/2											
	32 Qubits/3				98,46	58,23	35,32	24,27	14,88	8,21		
	33 Qubits					115,83	71,57	43,03	29,97	17,21		
	34 Qubits						140,99	79,76	56,86	34,08		
Cray X2 HECToR	28 Qubits	18,73	9,72	5,06	2,70							
	29 Qubits	37,51	19,39	10,04	5,30							
	30 Qubits	75,46	38,88	20,03	10,51							
	31 Qubits	150,87	77,70	40,17	21,00							
	32 Qubits/1											
	32 Qubits/2											
	32 Qubits/3											
	33 Qubits											
	34 Qubits											
IBM BGP Babel	28 Qubits											
	29 Qubits											
	30 Qubits											
	31 Qubits											
	32 Qubits/1						69,68	46,05	28,98	14,90	9,78	VN, MESH (256 to 1024 cores), TORUS (other)
	32 Qubits/2					81,70	52,43	31,88	16,01	10,35		DUAL, MESH (128 to 512 cores), TORUS (other)
	32 Qubits/3				110,98	66,38	38,91	18,56	11,89			SMP, MESH (64 to 256 cores), TORUS (other)
	33 Qubits					134,27	78,60	37,04	24,09			SMP, MESH (128 to 256 cores), TORUS (other)
	34 Qubits						159,39	74,50	48,38			SMP, MESH (256 cores), TORUS (other)
IBM PowerPC MareNostrum	28 Qubits											
	29 Qubits											
	30 Qubits											
	31 Qubits											
	32 Qubits/1											
	32 Qubits/2											
	32 Qubits/3				255,68	142,22	81,92	43,48				
	33 Qubits					288,46	172,83	90,74				
	34 Qubits						317,61	176,46				
IBM BGP JUGENE	28 Qubits											
	29 Qubits											
	30 Qubits											
	31 Qubits											
	32 Qubits/1						72,07	47,77	29,36	15,15	9,88	VN, MESH (256 to 1024 cores), TORUS (other)
	32 Qubits/2					81,45	52,42	31,85	15,82	10,39		DUAL, MESH (128 to 512 cores), TORUS (other)
	32 Qubits/3				110,27	66,54	38,83	18,08	11,17			SMP, MESH (64 to 256 cores), TORUS (other)
	33 Qubits					134,89	79,00	36,58	22,54	13,42	8,83	SMP, MESH (128 to 256 cores), TORUS (other)
	34 Qubits						159,50	74,16	45,49	26,98	17,76	SMP, MESH (256 cores), TORUS (other)
IBM SP6 CINECA (ST)	28 Qubits											
	29 Qubits											
	30 Qubits											
	31 Qubits											
	32 Qubits/1											
	32 Qubits/2											
	32 Qubits/3				46,43	26,94	16,94	10,25	6,22			
	33 Qubits				96,14	56,51	33,18	20,35	12,66			
	34 Qubits					116,00	67,58	38,68	23,76			
IBM SP6 CINECA (SMT)	28 Qubits											
	29 Qubits											
	30 Qubits											
	31 Qubits											
	32 Qubits/1											
	32 Qubits/2											
	32 Qubits/3				48,79	29,90	17,93	10,18	7,79			
	33 Qubits					58,85	36,25	20,79	12,68			
	34 Qubits						71,04	43,52	25,36			

Intel Nehalem JuRoPA	28 Qubits									
	29 Qubits									
	30 Qubits									
	31 Qubits									
	32 Qubits/1									
	32 Qubits/2									
	32 Qubits/3	45,11	25,52	15,22	9,29	5,91				
	33 Qubits		52,30	32,09	19,05	11,28				
	34 Qubits			64,34	38,24	23,42				
NEC SX9 HLRS	28 Qubits									
	29 Qubits									
	30 Qubits									
	31 Qubits									
	32 Qubits/1									
	32 Qubits/2									
	32 Qubits/3									
	33 Qubits									
	34 Qubits									
Dell PowerEdge Ekman	28 Qubits									
	29 Qubits									
	30 Qubits									
	31 Qubits									
	32 Qubits/1									
	32 Qubits/2									
	32 Qubits/3	100,34	56,04	35,21	21,48	14,10	8,24	5,28		
	33 Qubits		126,03	70,53	43,21	26,30	16,12	9,81		
	34 Qubits			149,65	86,99	50,20	29,13	17,83		

	Datasets	72	132	264	516	1032	2052	4104	Comment
Cray XT5 Rosa	28 Qubits								
	29 Qubits								
	30 Qubits								
	31 Qubits								
	32 Qubits/1								
	32 Qubits/2								
	32 Qubits/3		93,26	51,55	31,67	19,52	11,16	6,60	
	33 Qubits			101,44	63,60	39,13	22,47	13,41	
	34 Qubits				139,79	69,65	46,13	26,56	

	Datasets	72	144	264	528	1032	2064	4104	Comment
Cray XE6 HECToR	28 Qubits								
	29 Qubits								
	30 Qubits								
	31 Qubits								
	32 Qubits/1								
	32 Qubits/2								
	32 Qubits/3		64,35	37,64	22,50	21,55	13,83	7,30	
	33 Qubits			75,86	47,16	30,37	27,43	14,26	
	34 Qubits				95,17	68,55	37,79	30,20	

NAMD		Number of physical cores										
	Datasets	8	16	32	64	128	256	512	1024	2048	4096	Comment
SGI Altix HLRB2 (HD)	APOA1											
	1CQY											
	1GND											
	4f2hc											
	NUCLEOSOME											
	MEMBRANE											
SGI Altix HLRB2 (HB)	APOA1											
	1CQY											
	1GND											
	4f2hc											
	NUCLEOSOME											
	MEMBRANE											
IBM P6 vip (ST)	APOA1			54,01	21,13	24,01	11,70	9,93	18,91			
	1CQY			1388,31	849,15	605,65		468,04	531,93			
	1GND			2736,27	1562,27	990,51	742,19		587,52			
	4f2hc			18768,65	10452,62	5620,02	3381,71	1979,82	1537,55			
	NUCLEOSOME			131,42	86,58	44,26	29,96	23,16				
	MEMBRANE			318,47	190,68	133,86	121,96	95,51				
IBM P6 vip (SMT)	APOA1			47,80	19,30	14,68	12,22					
	1CQY			987,44	786,79							
	1GND			1871,66	1210,34	917,91						
	4f2hc			14832,76	8136,58	4915,17						
	NUCLEOSOME			89,89	58,47	36,59	29,47					
	MEMBRANE			211,74	165,50	128,44	104,59	99,37				
Cray XT4 HECToR	APOA1					19,49	13,02	9,99	10,23			
	1CQY					1013,62	766,36	625,57	801,99			
	1GND					1712,35	1308,75	862,72	818,75			
	4f2hc					21263,92	12470,98	15214,02	8792,98			
	NUCLEOSOME			291,97	173,15	104,41	68,18824	38,87				
	MEMBRANE			465,08	270,59	184,12	141,3658	98,92052	74,72			
Cray X2 HECToR	APOA1											
	1CQY											
	1GND											
	4f2hc											
	NUCLEOSOME											
	MEMBRANE											
IBM BGP Babel	APOA1		388,56	217,72	132,32	77,60	45,51	59,26	78,84			DUAL, MESH
	1CQY				3605,33	2437,35		1751,49	1735,76	1710,96		DUAL, MESH
	1GND				6967,56	4139,94	3125,24		2093,59	3566,02		DUAL, MESH
	4f2hc					20071,86	11068,03	7361,44	4508,49	3276,52		DUAL, MESH
	NUCLEOSOME					191,30	114,91	79,74				DUAL, MESH
	MEMBRANE					599,74	412,54	244,93	196,29			DUAL, MESH
IBM PowerPC MareNostrum	APOA1			161,46	112,51	55,93	36,42	27,35				
	1CQY											
	1GND											
	4f2hc											
	NUCLEOSOME			679,56	351,18	200,31	211,89	72,94				
	MEMBRANE			1126,55	623,61	389,99	372,66	210,26				
IBM BGP JUGENE	APOA1		388,43	202,26	116,36	67,97	45,34	36,74				DUAL, MESH
	1CQY											
	1GND											
	4f2hc											
	NUCLEOSOME					191,33	114,38	78,31				DUAL, MESH
	MEMBRANE					631,61	455,58	254,19	210,55			DUAL, MESH
IBM SP6 CINECA (ST)	APOA1											
	1CQY											
	1GND											
	4f2hc											
	NUCLEOSOME			138,60	77,53	44,98	30,02	22,46				
	MEMBRANE			307,48	192,77	141,24	118,58	84,04				
IBM SP6 CINECA (SMT)	APOA1											
	1CQY											
	1GND											
	4f2hc											
	NUCLEOSOME				87,84	55,81	35,86	27,51				
	MEMBRANE				218,58	148,73	124,86	111,27	97,12			
Intel Nehalem JuRoPA	APOA1											
	1CQY											
	1GND											
	4f2hc											
	NUCLEOSOME				63,61	42,69	49,06	158,65				
	MEMBRANE				157,91	125,33	170,70	350,68	583,04			
NEC SX9 HLRS	APOA1											
	1CQY											
	1GND											
	4f2hc											
	NUCLEOSOME											
	MEMBRANE											
Dell PowerEdge Ekman	APOA1											
	1CQY											
	1GND											
	4f2hc											
	NUCLEOSOME		315,40	174,26	91,21	50,05	35,32	24,65				
	MEMBRANE		537,96	313,51	184,78	122,95	98,11	78,84	77,62			

	Datasets	72	132	264	516	1032	2052	4104	Comment
Cray XT5 Rosa	APOA1								
	1CQY								
	1GND								
	4f2hc								
	NUCLEOSOME	130,60	73,32	52,59	58,56		107,92		
	MEMBRANE	264,86	184,34	162,07	124,85	127,53	119,98		

	Datasets	72	144	264	528	1032	2064	4104	Comment
Cray XE6 HECToR	APOA1								
	1CQY								
	1GND								
	4f2hc								
	NUCLEOSOME								
	MEMBRANE								

NEMO

	Datasets	Number of physical cores 8	16	32	64	128	256	512	1024	2048	4096	Comment
SGI Altix HLRB2 (HD)	GYRE.25, no IO				648,00	299,00	196,00	219,00				
	GYRE.25, IO				695,00	339,00	277,00	256,00				
	GYRE.50, no IO				4000,00	1917,00	878,00	482,00	752,00	619,00		
	GYRE.50, IO				4251,00	2089,00	1245,00	640,00	960,00	768,00		
	GYRE.150, no IO								1963,00	590,00		
	GYRE.150, IO								2021,00	923,00		
SGI Altix HLRB2 (HB)	GYRE.25, no IO				427,00	238,00	179,00	212,00				
	GYRE.25, IO				454,00	284,00	273,00	355,00				
	GYRE.50, no IO				2215,00	1144,00	603,00	414,00	807,00	999,00		
	GYRE.50, IO				2338,00	1328,00	1044,00	1034,00	807,00	1085,00		
	GYRE.150, no IO								1079,00	638,00		
	GYRE.150, IO								1715,00	1049,00		
IBM P6 vip (ST)	GYRE.25, no IO				390,00	241,00	205,00	172,00	182,00	256,00		
	GYRE.25, IO				411,00	281,00	214,00	204,00	192,00	248,00		
	GYRE.50, no IO					794,00	479,00	323,00	276,00	317,00		Utilisation of asynchroneous send "c_mpi_send = I"
	GYRE.50, IO					963,00	563,00	402,00	391,00	510,00		Utilisation of asynchroneous send "c_mpi_send = I"
	GYRE.150, no IO								337,00	310,00		
	GYRE.150, IO								519,00	495,00		
IBM P6 vip (SMT)	GYRE.25, no IO			638,00	362,00	254,00	250,00	261,00	337,00			
	GYRE.25, IO			712,00	429,00	323,00	322,00	343,00	430,00			
	GYRE.50, no IO				1493,00	790,00	470,00	380,00	383,00			
	GYRE.50, IO				1631,00	953,00	650,00	550,00	712,00			
	GYRE.150, no IO											
	GYRE.150, IO											
Cray XT4 HECToR	GYRE.25, no IO				992,00	556,00	374,00	266,00	340,00	252,00		
	GYRE.25, IO				1028,00	622,00	395,00	317,00	273,00	297,00		
	GYRE.50, no IO					2426,00	1171,00	687,00	475,00	481,00		
	GYRE.50, IO					2487,00	1335,00	891,00	658,00	570,00		
	GYRE.150, no IO							2430,00	998,00	601,00		
	GYRE.150, IO							2592,00	1263,00	815,00		
Cray X2 HECToR	GYRE.25, no IO											
	GYRE.25, IO											
	GYRE.50, no IO											
	GYRE.50, IO											
	GYRE.150, no IO											
	GYRE.150, IO											
IBM BGP Babel	GYRE.25, no IO				2596,00	1279,00	764,00	445,00	401,00	537,00		VN
	GYRE.25, IO				2776,00	1535,00	1149,00	738,00	561,00	686,00		VN
	GYRE.50, no IO					5535,00	3152,00	1625,00	1035,00	789,00		DUAL (128 cores), VN (256 to 2048 cores)
	GYRE.50, IO					6309,00	4102,00	2290,00	1571,00	1184,00		DUAL (128 cores), VN (256 to 2048 cores)
	GYRE.150, no IO							4348,00	2319,00	1624,00	1380,00	SMP (512 cores), DUAL (1024 to 2048 cores), VN(4096 cores)
	GYRE.150, IO							4592,00	2577,00	1760,00	1593,00	SMP (512 cores), DUAL (1024 to 2048 cores), VN(4096 cores)
IBM PowerPC MareNostrum	GYRE.25, no IO				1569,00	1391,00	517,00	297,00	266,00			
	GYRE.25, IO				1646,00	844,00	507,00	390,00	406,00			
	GYRE.50, no IO					4001,00	1987,00	981,00	752,00			
	GYRE.50, IO					4457,00	2063,00	1212,00	1142,00			
	GYRE.150, no IO							4095,00				
	GYRE.150, IO							4516,00	3131,00			
IBM BGP JUGENE	GYRE.25, no IO				2201,00	1112,00	671,00	406,00	373,00	343,00		VN
	GYRE.25, IO				2320,00	1399,00	884,00	568,00	418,00	546,00		VN
	GYRE.50, no IO					4515,00	2794,00	1388,00	888,00	537,00		DUAL (128 cores), VN (256 to 2048 cores)
	GYRE.50, IO					4718,00	3019,00	1752,00	1104,00	1364,00		DUAL (128 cores), VN (256 to 2048 cores)
	GYRE.150, no IO							3626,00	1874,00	1160,00	690,00	SMP (512 cores), DUAL (1024 to 2048 cores), VN(4096 cores)
	GYRE.150, IO							4317,00	2537,00	1632,00	1300,00	SMP (512 cores), DUAL (1024 to 2048 cores), VN(4096 cores)
IBM SP6 CINECA (ST)	GYRE.25, no IO				303,00	158,00	109,00	89,00	74,00	97,00		
	GYRE.25, IO				347,00	194,00	140,00	99,00	87,00	93,00		
	GYRE.50, no IO					683,00	378,00	209,00	164,00	145,00		
	GYRE.50, IO					737,00	432,00	264,00	239,00	162,00		
	GYRE.150, no IO								276,00	192,00		
	GYRE.150, IO								359,00	278,00		
IBM SP6 CINECA (SMT)	GYRE.25, no IO			562,00	317,00	216,00	171,00	191,00	421,00			
	GYRE.25, IO			622,00	391,00	291,00	279,00	276,00	489,00			
	GYRE.50, no IO				1457,00	754,00	478,00	444,00	545,00			
	GYRE.50, IO				1610,00	913,00	634,00	648,00	748,00			
	GYRE.150, no IO											
	GYRE.150, IO											
Intel Nehalem JuRoPA	GYRE.25, no IO				487,00	263,00	138,00	122,00	289,00	604,00		
	GYRE.25, IO				483,00	305,00	196,00	251,00	310,00	678,00		
	GYRE.50, no IO					1022,00	545,00	352,00	352,00	802,00		
	GYRE.50, IO					1118,00	671,00	474,00	521,00	798,00		
	GYRE.150, no IO							901,00	571,00	566,00		
	GYRE.150, IO							1061,00	653,00	634,00		
NEC SX9 HLRS	GYRE.25, no IO											
	GYRE.25, IO											
	GYRE.50, no IO											
	GYRE.50, IO											
	GYRE.150, no IO											
	GYRE.150, IO											
Dell PowerEdge Ekman	GYRE.25, no IO				770,00	410,00	237,00	143,00	123,00	134,00		
	GYRE.25, IO				916,00	610,00	810,00	861,00	1495,00	1836,00		
	GYRE.50, no IO					2053,00	969,00	515,00	286,00	209,00		
	GYRE.50, IO					2463,00	1433,00	1697,00	3160,00	5133,00		
	GYRE.150, no IO							1782,00	1026,00	691,00		
	GYRE.150, IO							3538,00	2457,00	2733,00		

	Datasets	72	132	264	516	1032	2052	4104	Comment
Cray XT5 Rosa	GYRE.25, no IO	1081,00	802,00	589,00	491,00	455,00	466,00		
	GYRE.25, IO	1098,00	819,00	671,00	559,00	527,00	473,00		
	GYRE.50, no IO		2550,00	1475,00	1044,00	779,00	618,00		
	GYRE.50, IO		2591,00	1560,00	1063,00	823,00	672,00		
	GYRE.150, no IO				2037,00	993,00	597,00		
	GYRE.150, IO				2119,00	1055,00	651,00		

	Datasets	72	144	264	528	1032	2064	4104	Comment
Cray XE6 HECToR	GYRE.25, no IO	764,00	402,00	234,00	181,00	152,00	153,00		
	GYRE.25, IO	790,00	426,00	272,00	242,00	269,00	357,00		
	GYRE.50, no IO		2049,00	992,00	611,00	383,00	250,00		
	GYRE.50, IO		2113,00	1060,00	906,00	612,00	853,00		
	GYRE.150, no IO				1872,00	848,00	452,00		
	GYRE.150, IO				2104,00	1119,00	697,00		

PEPC	Datasets	Number of physical cores 8	16	32	64	128	256	512	1024	2048	4096	Comment
SGI Altix HLRB2 (HD)	Sphere 5M											
	Sphere 15M											
	Sphere 25M											
SGI Altix HLRB2 (HB)	Sphere 5M											
	Sphere 15M											
	Sphere 25M											
IBM P6 vip (ST)	Sphere 5M				8,29	4,39	2,37	1,34	1,61			
	Sphere 15M				27,48	14,08	7,28	3,95	2,88			
	Sphere 25M				48,02	24,83	12,58	6,80	4,08			
IBM P6 vip (SMT)	Sphere 5M				5,64	3,08	1,81	1,81	7,80			
	Sphere 15M				18,09	9,53	5,27	3,45				
	Sphere 25M				31,75	16,42	8,97	5,34				
Cray XT4 HECToR	Sphere 5M				15,04	8,13	4,50	2,62	1,44	1,70		
	Sphere 15M				48,73	25,90	13,49	7,61	4,62	3,46		
	Sphere 25M				84,45	43,80	23,43	13,28	7,71	5,05		
Cray X2 HECToR	Sphere 5M											
	Sphere 15M											
	Sphere 25M											
IBM BGP Babel	Sphere 5M						17,13	9,17	5,31	3,39	3,10	VN, TXYZ, MESH (256 to 1024 cores), TORUS (other)
	Sphere 15M						54,89	28,72	15,74	8,75	6,37	VN, TXYZ, MESH (256 to 1024 cores), TORUS (other)
	Sphere 25M						93,46	49,23	26,58	14,31	9,66	VN, TXYZ, MESH (256 to 1024 cores), TORUS (other)
IBM PowerPC MareNostrum	Sphere 5M				17,36	9,62	5,44	3,54				
	Sphere 15M				57,94	32,17	18,05	10,01				
	Sphere 25M											
IBM BGP JUGENE	Sphere 5M						17,14	9,18	5,31	3,40	3,11	VN, TXYZ, MESH (256 to 1024 cores), TORUS (other)
	Sphere 15M						54,72	28,73	15,76	8,75	6,38	VN, TXYZ, MESH (256 to 1024 cores), TORUS (other)
	Sphere 25M						93,53	49,25	26,68	14,32	9,69	VN, TXYZ, MESH (256 to 1024 cores), TORUS (other)
IBM SP6 CINECA (ST)	Sphere 5M				8,23	4,43	2,44	1,52	1,62			
	Sphere 15M				27,58	14,40	7,41	4,11	2,82			
	Sphere 25M				47,95	24,78	12,77	6,90	4,30			
IBM SP6 CINECA (SMT)	Sphere 5M				5,59	3,09	1,83	2,03	7,48			
	Sphere 15M				18,23	9,41	5,45	3,60	6,78			
	Sphere 25M				31,94	16,80	9,92	6,22				
Intel Nehalem JuRoPA	Sphere 5M				9,43	5,14	2,94	1,89	1,52	1,46		
	Sphere 15M				31,26	16,42	8,83	5,00	3,18	2,47		
	Sphere 25M					28,73	14,97	8,29	5,00	3,42		
NEC SX9 HLRS	Sphere 5M											
	Sphere 15M											
	Sphere 25M											
Dell PowerEdge Ekman	Sphere 5M				14,70	8,15	4,70	3,17	3,17			
	Sphere 15M				47,59	25,65	13,74	8,16	5,71	6,74		
	Sphere 25M				81,98	43,09	23,60	13,76	8,80	7,80		

	Datasets	72	132	264	516	1032	2052	4104	Comment
Cray XT5 Rosa	Sphere 5M	12,39	7,23	4,15	2,58	2,38	2,28	2,24	
	Sphere 15M	39,51	22,70	12,18	8,19	4,88	4,20	3,93	
	Sphere 25M	67,37	38,93	21,11	13,24	7,51	5,99	5,4	

	Datasets	72	144	264	528	1032	2064	4104	Comment
Cray XE6 HECToR	Sphere 5M	13,27	7,18	4,58	1,98	1,88	1,88	1,90	
	Sphere 15M	43,05	22,77	12,97	7,37	4,73	3,39	3,46	
	Sphere 25M	73,83	38,49	22,36	12,84	7,39	5,09	4,68	

QuantumESPRESSO	Datasets	Number of physical cores 8	16	32	64	128	256	512	1024	2048	4096	Comment
SGI Altix HLRB2 (HD)	AUSURF112											
	PSIWAT											
SGI Altix HLRB2 (HB)	AUSURF112											
	PSIWAT											
IBM P6 vip (ST)	AUSURF112											
	PSIWAT											
IBM P6 vip (SMT)	AUSURF112											
	PSIWAT											
Cray XT4 HECToR	AUSURF112											
	PSIWAT											
Cray X2 HECToR	AUSURF112											
	PSIWAT											
IBM BGP Babel	AUSURF112											
	PSIWAT											
IBM PowerPC MareNostrum	AUSURF112											
	PSIWAT											
IBM BGP JUGENE	AUSURF112											
	PSIWAT											
IBM SP6 CINECA (ST)	AUSURF112											
	PSIWAT											
IBM SP6 CINECA (SMT)	AUSURF112											
	PSIWAT											
Intel Nehalem JuRoPA	AUSURF112				240,2	132,21	111,73	194,35				PSP_ONDEMAND=0
	PSIWAT				1015,42	502,77	331,32	387,78				PSP_ONDEMAND=0
NEC SX9 HLRS	AUSURF112		422,20	277,17	248,49							
	PSIWAT		958,50	570,27	418,26							
Dell PowerEdge Ekman	AUSURF112				480,87	236,49	177,24	281,73				mpi_paffinity_alone=1
	PSIWAT					949,21	638,25	636,84				mpi_paffinity_alone=1

	Datasets	72	132	264	516	1032	2052	4104	Comment
Cray XT5 Rosa	AUSURF112	440,07	228,35	198,72	228,10				
	PSIWAT		816,62	550,99	531,99				

	Datasets	72	144	264	528	1032	2064	4104	Comment
Cray XE6 HECToR	AUSURF112	417,60	196,16	126,74	86,60				
	PSIWAT		778,98	475,91	295,24				

RAMSES		Number of physical cores										
	Datasets	8	16	32	64	128	256	512	1024	2048	4096	Comment
SGI Altix HLRB2 (HD)	Sedov3D				438,00	220,00	116,00	62,00				
	AMR				3323,00	1742,00	936,00	550,00	436,00	687,00		
	Sedov3D 1024						857,00	440,00	225,00	115,00		
SGI Altix HLRB2 (HB)	Sedov3D				266,00	135,00	73,00	41,00				
	AMR				2860,00	1501,00	810,00	495,00	425,00	666,00		
	Sedov3D 1024						534,00	271,00	150,00	79,00		
IBM P6 vip (ST)	Sedov3D				228,17	115,20	57,84	31,02	14,41	7,29		
	AMR				2242,19	1169,45	632,79	422,41	454,11	939,15		
	Sedov3D 1024				1801,65	905,29	454,99	228,44	115,45	58,15		
IBM P6 vip (SMT)	Sedov3D				193,68	102,63	48,86	24,45	12,51	7,26		
	AMR				1531,90	823,53	599,56	586,36	1132,72			
	Sedov3D 1024				1539,22	767,18	386,14	193,87	99,34	63,06		
Cray XT4 HECToR	Sedov3D				461,74	233,03	116,88	58,57	29,25	14,87		
	AMR				3415,07	1889,18	1091,62	739,36	652,34	885,99		
	Sedov3D 1024					1835,26	921,97	461,88	232,98	117,14		
Cray X2 HECToR	Sedov3D											
	AMR											
	Sedov3D 1024											
IBM BGP Babel	Sedov3D				667,58	336,13	168,88	85,58	43,60	21,78	11,17	VN, TXYZ, MESH(64 to 1024 cores), TORUS(other)
	AMR				7318,56	4032,50	2179,42	1381,51	1625,45	5069,09		SMP(64 cores), DUAL(128 to 256 cores), VN(other), TXYZ, MESH(64 to 1024 cores), TORUS(other)
	Sedov3D 1024						1243,65	667,95	337,82	169,08	85,84	DUAL(256 cores),VN(512 to 4096 cores), TXYZ, TORUS
IBM PowerPC MareNostrum	Sedov3D				662,94	339,14	169,09	87,45	206,78			
	AMR				4719,78	2577,97	1651,65	1432,90	1507,57			
	Sedov3D 1024				5291,11	2682,36	1298,40	677,61	434,97			
IBM BGP JUGENE	Sedov3D				672,01	338,04	169,92	85,98	43,77	21,81	11,29	VN
	AMR				7298,95	4022,09	2173,90	1376,38	1586,86	5063,67		SMP(64 cores), DUAL(128 to 256 cores), VN(other)
	Sedov3D 1024						1251,49	672,57	339,82	170,03	86,36	DUAL(256 cores), VN(other)
IBM SP6 CINECA (ST)	Sedov3D				198,00	101,67	50,85	25,87	12,87	6,74		
	AMR				2454,48	1166,67	639,80	431,75	453,48	901,33		
	Sedov3D 1024				1582,03	804,52	402,07	201,53	102,98	53,47		
IBM SP6 CINECA (SMT)	Sedov3D				183,67	90,79	46,07	24,01	13,25	6,85		
	AMR				1536,89	845,44	598,20	612,57	1164,63	3157,17		
	Sedov3D 1024				1425,68	715,26	357,62	182,32	92,12	47,21		
Intel Nehalem JuRoPA	Sedov3D				180,19	90,72	45,68	23,11	11,50	5,83		
	AMR				1359,71	783,52	494,39	387,41	425,26			
	Sedov3D 1024				1426,10	715,73	361,06	180,51	91,04	45,80		
NEC SX9 HLRS	Sedov3D	644,47	308,73	155,88	82,37							
	AMR	21874,38	10949,07	5901,39	3235,09							
	Sedov3D 1024	4893,65	2510,97	1264,32	631,15							
Dell PowerEdge Ekman	Sedov3D				378,20	191,37	99,26	50,42	42,99	21,67		
	AMR				3497,33	1997,48	1168,02	922,11	1023,25	1865,17		
	Sedov3D 1024				3512,26	2732,78	1440,51	683,90	345,55	173,97		

	Datasets				72	132	264	516	1032	2052	4104	Comment
Cray XT5 Rosa	Sedov3D				451,33	227,25	114,74	57,93	28,95	14,83		
	AMR				3270,66	1816,44	1325,95	937,14	823,39	1022,70		
	Sedov3D 1024				3448,08	2404,76	911,99	456,54	229,28	115,01		

	Datasets				72	144	264	528	1032	2064	4104	Comment
Cray XE6 HECToR	Sedov3D				391,63	198,49	99,09	50,03	24,46	12,38		
	AMR					1660,87	880,76	586,15	399,00	404,63		
	Sedov3D 1024						784,70	393,79	198,89	99,80		

SU3_AHiggs		Number of physical cores										
	Datasets	8	16	32	64	128	256	512	1024	2048	4096	Comment
SGI Altix HLRB2 (HD)	32^3 lattice, 10000 iter.				172,00	98,00	56,10	36,00	29,50			
	256^3 lattice, 100 iter.				1383,30	664,80	302,10	184,50	60,00			
SGI Altix HLRB2 (HB)	32^3 lattice, 10000 iter.				172,80	94,60	56,10	36,30	27,10	22,50		
	256^3 lattice, 100 iter.				1337,60	649,60	294,50	125,50	55,40	26,70		
IBM P6 vip (ST)	32^3 lattice, 10000 iter.				129,00	68,80	40,80	25,70	23,00			
	256^3 lattice, 100 iter.				605,80	303,60	151,70	77,90	38,30	19,40		
IBM P6 vip (SMT)	32^3 lattice, 10000 iter.				79,20	46,70	31,90	25,70	23,40			
	256^3 lattice, 100 iter.				350,40	173,50	87,70	44,40	23,70	19,00		
Cray XT4 HECToR	32^3 lattice, 10000 iter.				129,10	85,00	63,40	54,30	51,50			
	256^3 lattice, 100 iter.				631,30	317,80	157,50	78,40	40,00	19,20	9,40	
Cray X2 HECToR	32^3 lattice, 10000 iter.											
	256^3 lattice, 100 iter.											
IBM BGP Babel	32^3 lattice, 10000 iter.				747,50	416,90	245,10	154,90	111,60			VN, PREFER_TORUS, TXYZ
	256^3 lattice, 100 iter.				3367,90	1691,00	847,40	424,60	214,10	107,80	54,30	VN, PREFER_TORUS, TXYZ
IBM PowerPC MareNostrum	32^3 lattice, 10000 iter.				177,40	108,10	63,10	56,00	33,20			
	256^3 lattice, 100 iter.				889,80	451,00	246,30	117,90	69,40			
IBM BGP JUGENE	32^3 lattice, 10000 iter.				734,00	411,10	243,20	155,90	111,50			VN, PREFER_TORUS, TXYZ
	256^3 lattice, 100 iter.				3303,80	1653,80	829,80	416,20	209,40	104,90	53,30	VN, PREFER_TORUS, TXYZ
IBM SP6 CINECA (ST)	32^3 lattice, 10000 iter.				139,40	76,90	45,20	29,40	22,00			
	256^3 lattice, 100 iter.				652,30	336,60	168,40	84,60	42,50	21,50		
IBM SP6 CINECA (SMT)	32^3 lattice, 10000 iter.				79,50	48,50	31,10	24,70	22,10			
	256^3 lattice, 100 iter.				395,00	175,40	85,90	43,10	22,60	11,40		
Intel Nehalem JuRoPA	32^3 lattice, 10000 iter.				77,80	42,50	21,90	13,90	9,20			PSP_ONDEMAND=0
	256^3 lattice, 100 iter.				403,70	203,20	102,00	51,10	25,10	12,50	6,40	PSP_ONDEMAND=0
NEC SX9 HLRS	32^3 lattice, 10000 iter.											
	256^3 lattice, 100 iter.											
Dell PowerEdge Ekman	32^3 lattice, 10000 iter.				139,10	69,60	38,40	23,50	16,50			mpi_paffinity_alone=1
	256^3 lattice, 100 iter.				729,60	371,20	185,40	92,30	45,60	22,40	10,90	mpi_paffinity_alone=1

	Datasets	72	132	264	516	1032	2052	4104	Comment
Cray XT5 Rosa	32^3 lattice, 10000 iter.	175,20	151,20	134,50	132,40	148,60			
	256^3 lattice, 100 iter.	674,30	339,40	169,00	84,10	42,30	19,80	10,00	

	Datasets	72	144	264	528	1032	2064	4104	Comment
Cray XE6 HECToR	32^3 lattice, 10000 iter.	122,70	69,90	38,40	30,30	21,10			
	256^3 lattice, 100 iter.	638,00	320,20	156,40	77,90	40,00	18,80	9,80	

BQCD	Compilers	Compiler flags	Libraries
SGI Altix HLRB2	mpif90, ifort, mpicc, icc, intel: 9.1	-O2 -openmp	
IBM P6 vip	mpxlf90_r, mpcc_r	-qsmp -qnosave -qsuffix=f=f90 -q64 (for mpcc_r: -qsmp -qnosave) [add:" -qsmp=omp " for hybrid BQCD]	
Cray XT4 HECToR	pgf90, pgcc (pgi) and ftn (pathscale)	-O3 -OPT:Ofast (pathscale) or -fastsse (pgi) , for hybrid add:-mp (pathscale) or -mp=nonuma (pgi)	
Cray X2 HECToR			
IBM BGP Babel	mpixlf90_r, mpixlc_r	-qarch=450 -qtune=450 -O3 -qstrict	
IBM PowerPC MareNostrum	mpif90, mpicc	-qsuffix=f=f90 C16-q64 (add -qsmp=omp for hybrid)	
IBM BGP JUGENE	mpixlf90_r, mpixlc _r	-O3 -qstrict -qtune=450 -qarch=450 (add -qsmp=omp -qthreaded for hybrid)	
IBM SP6 CINECA	mpxlf90_r, mpcc_r	-qsuffix=D16f=f90 -q64 (D18add -qsmp=omp for hybrid)	
Intel Nehalem JuRoPA	mpif90, mpicc, icc, ifort	-O3 -no-multibyte-chars (add -openmp for hybrid)	
NEC SX9 HLRS			
Dell PowerEdge Ekman	i-compilers/11.1, mpicc, mpif90 -fno-range-check	-O3 -march=native -mtune=native	
Cray XT5 Rosa	PrgEnv-gnu, ftn -s -Wall -Wstrict-prototypes -fno-range-check	-O3 -march=native -mtune=native	
Cray XE6 HECToR	pgf90, pgcc (pgi) and ftn	-O3 -OPT:Ofast (pathscale) or -fastsse (pgi) , for hybrid add:-mp (pathscale) or -mp=nonuma (pgi)	

CPMD	Compilers	Compiler flags	Libraries
SGI Altix HLRB2			
IBM P6 vip			
Cray XT4 HECToR			
Cray X2 HECToR			
IBM BGP Babel	bgxlf_r	-O3 -w -qsmp=omp -qnosave -qarch=450 -c **NOTE: VERSION OF CPMD AT BGP is 3.13.2_01**	lapack, essl
IBM PowerPC MareNostrum			
IBM BGP JUGENE			
IBM SP6 CINECA			
Intel Nehalem JuRoPA			
NEC SX9 HLRS			
Dell PowerEdge Ekman			
Cray XT5 Rosa			
Cray XE6 HECToR			

Fenfloss

	Compilers	Compiler flags	Libraries
SGI Altix HLRB2	ifort 9.1	-O3 -ipo	
IBM P6 vip	mpxlf90_r V12.1	-q64 -O5	
Cray XT4 HECToR	pgf90/7.1.4	-fastsse -Msmart -Mipa=fast	
Cray X2 HECToR	ftn (x1x2-pe/6.0.0.1)	-O3	
IBM BGP Babel	mpixlf90_r	-O5	
IBM PowerPC MareNostrum	mpif90 V12.1	-q64 -O5 (additional -qipa=level=1 for linking)	
IBM BGP JUGENE	mpixlf90_r V11.1	-O5 -qtune=450 -qarch=450 -qessl -lessl -qmaxmem=3145728 -qxflag=diagnostic (additional -qipa=level=1 for linking)	
IBM SP6 CINECA	mpxlf90_r V12.1	-O5	
Intel Nehalem JuRoPA	mpif90 V 11.1.072	-O3	
NEC SX9 HLRS	sxmpif90 Rev.393	-C hopt -sx9 -pi exp=gba expin=gba.f90 -Wf'-pvctl loopcnt=1000000' -Wf,-pvctl on_adb	
Dell PowerEdge Ekman			
Cray XT5 Rosa			
Cray XE6 HECToR			

GADGET	Compilers	Compiler flags	Libraries
SGI Altix HLRB2	icc 9.1	-O2	fftw2, gsl
IBM P6 vip	mpcc_r	-q64 -qtune=pwr6 -qarch=pwr6 -O3 -qstrict -qcpluscmt -qipa	fftw2, gsl
Cray XT4 HECToR	pgcc	-fastsse -O3 -Mipa=fast,inline	fftw2, gsl, hdf5
Cray X2 HECToR			
IBM BGP Babel	mpixlc_r	-O3 -qstrict -qarch=450 -qtune=450 -qcpluscm	fftw2, gsl, hdf5
IBM PowerPC MareNostrum			
IBM BGP JUGENE			
IBM SP6 CINECA			
Intel Nehalem JuRoPA			
NEC SX9 HLRS			
Dell PowerEdge Ekman			
Cray XT5 Rosa			
Cray XE6 HECToR			

GENE	Compilers	Compiler flags	Libraries
SGI Altix HLRB2	ifort 9.1	-O3 -ip -ftz -align -fno-alias -r8	blas, fftw3
IBM P6 vip	mpxlf90_r	-q64 -qrealsize=8 -qtune=pwr6 -qarch=pwr6 -O3 -qsuffix=cpp=F90 -WF,-DWITHESSL,-DDOUBLE_PREC	essl
Cray XT4 HECToR	ftn (pgi)	-r8 -fast -Mipa=fast -Minline -Minfo -DDOUBLE_PREC	
Cray X2 HECToR			
IBM BGP Babel	bgxlf90_r	-qtune=450 -qarch=450d	esslbg
IBM PowerPC MareNostrum			
IBM BGP JUGENE			
IBM SP6 CINECA			
Intel Nehalem JuRoPA			
NEC SX9 HLRS			
Dell PowerEdge Ekman			
Cray XT5 Rosa			
Cray XE6 HECToR			

IFS

	Compilers	Compiler flags	Libraries
SGI Altix HLRB2			
IBM P6 vip	mpxlf90_r	-qextname -q64 -qarch=pwr6 -O3 -qstrict -qutodbl=dbl4 -qfree=F90 -qsuffix=cpp=F90 -qsmp=omp -qsource -NS32648 -WF,-DRS6K -WF,-DBLAS -WF,POWER6	essl, mass massvp6
	mpcc_r	-O3 -qarch=pwr6 -q64 -qmaxmem=-1 -DRS6K -DINTERCEPT_ALLOC -D_ABI64 -DFORTRAN_WITH_UNDERSCORE	
Cray XT4 HECToR	ftn (pathscale)	-O3 -mp -LIST:=ON -fullwarn -byteswapio -r8 -DBLAS -DLITTLE_ENDIAN -DLINUX	acml, dl
	cc	-O1 -DBLAS -DLITTLE_ENDIAN -DLINUX	
Cray X2 HECToR			
IBM BGP Babel	mpixlf90_r	-O2 -qstrict -qarch=450 -qmaxmem=-1 -qextname -qsource -qautodbl=dbl4 -qfree=F90 -qsmp=omp -qsuffix=cpp=F90 -WF,-DLINUX -WF,-DBLAS -WF,-DBLUEGENE	esslbg, mass, massv, fmpich_.cnk
	mpixlc_r	-O2 -qarch=450 -qmaxmem=-1 -DLINUX -DBLUEGENE -DINTERCEPT_ALLOC -DFORTRAN_WITH_UNDERSCORE	
IBM PowerPC MareNostrum	mpif90	-O3 -qstrict -q64 -qarch=ppc970 -qtune=ppc970 -qextname -qsource -qautodbl=dbl4 -qfree=F90 -qsuffix=cpp=F90 -WF,-DLINUX -WF,DBLAS	essl, mass_64, massvp6_64
	mpicc	-O3 -q64 -qarch=ppc970 -qtune=ppc970 -DLINUX -DINTERCEPT_ALLOC -D_ABI64 -DFORTRAN_WITH_UNDERSCORE	
IBM BGP JUGENE	mpixlf90_r	-O2 -qstrict -qarch=450 -qmaxmem=-1 -qextname -qsource -qautodbl=dbl4 -qfree=F90 -qsmp=omp -qsuffix=cpp=F90 -WF,-DLINUX -WF,-DBLAS -WF,-DBLUEGENE	esslbg, mass, massv, fmpich_.cnk
	mpixlc_r	-O2 -qarch=450 -qmaxmem=-1 -DLINUX -DBLUEGENE -DINTERCEPT_ALLOC -DFORTRAN_WITH_UNDERSCORE	
IBM SP6 CINECA	mpxlf90_r	-qextname -q64 -qarch=pwr6 -O3 -qstrict -qutodbl=dbl4 -qfree=F90 -qsuffix=cpp=F90 -qsmp=omp -qsource -NS32648 -WF,-DRS6K -WF,-DBLAS -WF,POWER6	essl, mass massvp6
	mpcc_r	-O3 -qarch=pwr6 -q64 -qmaxmem=-1 -DRS6K -DINTERCEPT_ALLOC -D_ABI64 -DFORTRAN_WITH_UNDERSCORE	
Intel Nehalem JuRoPA	mpif90(intel)	-O3 -c -openmp -fp-model precise -convert big_endian -xhost -r8 -DBLAS -DLITTLE_ENDIAN -DLINUX	mkl_intel_lp64, mkl_intel_thread,mkl_core,iomp5,pthread
	mpicc(intel)	-O2 -DBLAS -DLITTLE_ENDIAN -DLINUX	
NEC SX9 HLRS			
Dell PowerEdge Ekman	mpif90(intel)	-O3 -c -openmp -fp-model precise -convert big_endian -xhost -r8 -DBLAS -DLITTLE_ENDIAN -DLINUX	mkl_intel_lp64, mkl_intel_thread,mkl_core,iomp5,pthread
	mpicc(intel)	-O2 -DBLAS -DLITTLE_ENDIAN -DLINUX	
Cray XT5 Rosa	ftn (pathscale)	-O3 -mp -LIST:=ON -fullwarn -byteswapio -r8 -DBLAS -DLITTLE_ENDIAN -DLINUX	acml, dl
	cc	-O1 -DBLAS -DLITTLE_ENDIAN -DLINUX	
Cray XE6 HECToR	ftn (pathscale)	-O3 -mp -LIST:=ON -fullwarn -byteswapio -r8 -DBLAS -DLITTLE_ENDIAN -DLINUX	acml, dl
	cc	acml, dl	

IQCS	Compilers	Compiler flags	Libraries
SGI Altix HLRB2			
IBM P6 vip	mpxlf90_r	-O5 -q64 -qtune=pwr6 -qarch=pwr6 -bdatapsize:64k -btextpsize:64k -bstackpsize:64k	
Cray XT4 HECToR	pgf90/8.0.6	-fastsse -Mipa=fast -O3	
Cray X2 HECToR	ftn	-f free -N 255 -h cpu=cray-x2 -O3 -e Z -DDYNALLOC	
IBM BGP Babel	mpixlf90_r	-O5 -qnostrict -qarch=450 -qtune=450 -WF,-DDYNALLOC	
IBM PowerPC MareNostrum	mpif90	-O5	
IBM BGP JUGENE	mpixlf90_r	-O5 -qnostrict -qarch=450 -qtune=450 -WF,-DDYNALLOC	
IBM SP6 CINECA	mpxlf90_r	-O5 -q64 -qtune=pwr6 -qarch=pwr6 -bdatapsize:64k -btextpsize:64k -bstackpsize:64k	
Intel Nehalem JuRoPA	mpif90	-O3 -DDYNALLOC	
NEC SX9 HLRS	sxf90	-C hopt -sx9-Wf'-pvctl loopcnt=1000000' -DDYNALLOC	
Dell PowerEdge Ekman	mpif90 (Intel 11.1.069)	-O3 -ip -xHOST -no_pred -DDYNALLOC	
Cray XT5 Rosa	crayftn	-O3 -f free -N 255 -DDYNALLOC -lhugetlbfs	
Cray XE6 HECToR	pgf90/10.9-0	-fastsse -Mipa=fast -O3	

NAMD

	Compilers	Compiler flags	Libraries
SGI Altix HLRB2	mpicc + icc	for namd: CXX = icpc -D_IA64 -I/usr/local/gnu/include CXXOPTS = -static-libcxa -O2 for charm++: ./build charm++ mpi-linux-ia64 -nobs -DCMK_OPTIMIZE=1	fftw
IBM P6 vip	xlc_r mpCC_r	for namd: -O4 -qinlglue -qarch=pwr6 -qtune=pwr6 for charm++: ./build charm++ mpi-sp -DCMK_OPTIMIZE=1	fftw
Cray XT4 HECToR	pgCC pgi/7.2-3	for namd: CXXOPTS=-fastsse -Mipa=fast,inline COPTS=-fastsse -Mipa=fast,inline CHARMOPTS=-lgmalloc for charm++: ./build charm++ mpi-crayxt3 -DCMK_OPTIMIZE=1	fftw
Cray X2 HECToR			
IBM BGP Babel	bgxlC_r, bgxlc_r	for namd: -O3 -qhot -qarch=450d -qtune=450 for charm++: ./build charm++ mpi-bluegenep xlc --no-shared -j4 -O3 -qarch=450d -DCMK_OPTIMIZE=1	fftw
IBM PowerPC MareNostrum	mpicc , mpiCC	for namd: -O0 -q64 -Q -DARCH_POWERPC - -qarch=ppc970 -qtune=ppc970 -qcache=auto for charm++: ./build charm++ mpi-sp xlc64 -DCMK_OPTIMIZE=1 -DCMK_64	fftw
IBM BGP JUGENE	bgxlC_r, bgxlc_r	for namd: -O2 -qarch=450d -qtune=450 -DFFTW_ENABLE_FLOAT -qstaticinline -DNO_SOCKET -DDUMMY_VMDSOCK -DNOHOSTNAME -DNO_CHDIR -DNO_STRSTREAM_H -DNO_GETPWUID for charm++: ./build charm++ mpi-bluegenep xlc --no-shared -j4 -O3 -qarch=450d -DCMK_OPTIMIZE=1	fftw
IBM SP6 CINECA	xlC_r mpCC_r	for namd: -O4 -qinlglue -qarch=pwr6 -qtune=pwr6 -bmaxdata:0x80000000 for charm++: ./build charm++ mpi-sp -DCMK_OPTIMIZE=1 -DCMK_64 -memory=os	
Intel Nehalem JuRoPA			
NEC SX9 HLRS			
Dell PowerEdge Ekman			
Cray XT5 Rosa			
Cray XE6 HECToR			

NEMO	Compilers	Compiler flags	Libraries
SGI Altix HLRB2	ifort 9.1	-O2 -r8	netcdf
IBM P6 vip	mpxlf90_r	-q64 -qtune=pwr6 -qarch=pwr6 -O3 -qrealsize=8 -qsave -qsuffix=cpp=F90	netcdf
Cray XT4 HECToR	ftn	-fastsse -r8 -O3 -Mipa -Minline -Mpreprocess	
Cray X2 HECToR			
IBM BGP Babel	mpixlf90_r	-O3 -qstrict -qtune=450 -qarch=450	netcdf
IBM PowerPC MareNostrum	mpif90	-O3 -qstrict -qrealsize=8 -qsuffix=f=f90 -qsuffix=cpp=F90 -qtune=ppc970 -qarch=ppc970 -q64	
IBM BGP JUGENE	mpixlf90_r	-O3 -qstrict -qtune=450 -qarch=450	netcdf
IBM SP6 CINECA	mpxlf90_r	-q64 -qtune=pwr6 -qarch=pwr6 -O3 -qrealsize=8 -qsave -qsuffix=cpp=F90	netcdf
Intel Nehalem JuRoPA	ifort	-O3 -fp-model precise -fp-model except -ipo -real-size 64 -axSSE4.2	netcdf
NEC SX9 HLRS	sxf90	-C hopt -dW -Wf,-A idbl4 -Ep -Wf,-P nh -Wf,-pvctl loopcnt=1000000	netcdf
Dell PowerEdge Ekman	ifort	-O3 -fpp -fp-model precise -fp-model except -real-size 64 -axSSE4.2	netcdf
Cray XT5 Rosa	ifort	-O3 -fpp -fp-model precise -fp-model except -real-size 64 -axSSE4.2	netcdf
Cray XE6 HECToR			

PEPC	Compilers	Compiler flags	Libraries
SGI Altix HLRB2			
IBM P6 vip	mpxlf90_r	-qtune=pwr6 -qarch=pwr6 -q64 -O4 -qipa=level=1 -qipa=inline=key2addr	
Cray XT4 HECToR	ftn (pgi 8.0.6)	-fastsse -Mipa=fast -O3 -tp barcelona-64	
Cray X2 HECToR			
IBM BGP Babel	mpixlf90_r	-qarch=450d -qtune=450 -O4 -qnostrict -qipa=level=1 -qipa=inline=key2addr	
IBM PowerPC MareNostrum	mpif90	-q64 -O4 -qipa=level=1 -qipa=inline=key2addr	
IBM BGP JUGENE	mpixlf90_r	-qarch=450d -qtune=450 -O4 -qnostrict -qipa=level=1 -qipa=inline=key2addr	
IBM SP6 CINECA	mpxlf90_r	-qtune=pwr6 -qarch=pwr6 -q64 -O4 -qipa=level=1 -qipa=inline=key2addr -bdatapsize:64k -btextpsize:64k -bstackpsize:64k	
Intel Nehalem JuRoPA	mpif90	-O2 -ip -ipo -axSSE4.2	
NEC SX9 HLRS			
Dell PowerEdge Ekman	mpif90 (pgi 10.3-0)	-fastsse -O3 -Mipa=fast -Mvect -Minline=name:key2addr	
Cray XT5 Rosa	ftn (pgi 10.8-0)	-fastsse -O3 -Mipa=fast -Mvect -lhugelbfs -Minline=name:key2addr	
Cray XE6 HECToR	pgf90/10.9-0	-fastsse -O3 -Mipa=fast -Mipa=inline -Mvect -Minline=name:key2addr	

QuantumESPRESSO	Compilers	Compiler flags	Libraries
SGI Altix HLRB2			
IBM P6 vip			
Cray XT4 HECToR			
Cray X2 HECToR			
IBM BGP Babel			
IBM PowerPC MareNostrum			
IBM BGP JUGENE			
IBM SP6 CINECA			
Intel Nehalem JuRoPA	intel/11.1.059	-O2 -axSSE4.2 -assume byterecl	mkl/10.2.2.025
NEC SX9 HLRS	sx/Rev.410	-C hopt -sx9	MathKeisan/3.0
Dell PowerEdge Ekman	intel/11.1	-O3 -assume byterecl	mkl/11.1 openmpi/1.4.1-intel
Cray XT5 Rosa	pgi/10.6.0	-fast -tp istanbul-64	xt-libsci/10.4.6, fftw/3.2.2.1
Cray XE6 HECToR	pgi/10.9.0	-fast -tp istanbul-64	Xt-libsci/10.5.0, fftw/3.2.2.1

RAMSES

	Compilers	Compiler flags	Libraries
SGI Altix HLRB2	ifort 9.1	-O3 -ipo	
IBM P6 vip	mpxlf90_r	-O4 -qnostrict -qhot -qarch=pwr6 -qtune=pwr6	
Cray XT4 HECToR	ftn	-O3 -Mipa -Minline -Mbyteswapio -Mpreprocess	
Cray X2 HECToR			
IBM BGP Babel	mpixlf90_r	-O4 -qstrict -qhot -qtune=450 -qarch=450d	
IBM PowerPC MareNostrum	mpif90	-qfree=f90 -qsuffix=f=f90 -qsuffix=cpp=f90 -O4 -qnostrict -qhot -q64 -qtune=ppc970 -qarch=ppc970	
IBM BGP JUGENE	mpixlf90_r	-O4 -qstrict -qhot -qtune=450 -qarch=450d	
IBM SP6 CINECA	mpxlf90_r	-O4 -qnostrict -qhot -qarch=pwr6 -qtune=pwr6	
Intel Nehalem JuRoPA	ifort		
NEC SX9 HLRS	sxf90		
Dell PowerEdge Ekman	ifort	-O3 -fpp -ipo -axSSE4.2 -convert big_endian	
Cray XT5 Rosa	ifort	-O3 -fpp -ipo -axSSE4.2 -convert big_endian	
Cray XE6 HECToR			

SU3_AHiggs	Compilers	Compiler flags	Libraries
SGI Altix HLRB2	intel/9.1	-O3 -ip	
IBM P6 vip	mpcc_r	-q64 -O5	
Cray XT4 HECToR	pathscale/3.1	-Ofast -march=barcelona	
Cray X2 HECToR			
IBM BGP Babel	mpixlc_r	-O3 -qarch=450d -qtune=450 -qipa=level=2	mass
IBM PowerPC MareNostrum	ibm/10.1	-q64 -O4 -qnohot	
IBM BGP JUGENE	ibm/9.0	-O5 -qarch=450d -qtune=450	mass/4.4
IBM SP6 CINECA	ibm/10.1	-q64 -O5	
Intel Nehalem JuRoPA	gnu/4.3.2	-O3 -march=native -mtune=native	
NEC SX9 HLRS			
Dell PowerEdge Ekman	gnu/4.3.2	-O3 -march=native -mtune=native	openmpi/1.4.1-gcc
Cray XT5 Rosa	gnu/4.4.4	-O3 -march=native -mtune=native	
Cray XE6 HECToR	pathscale/3.2.99	-Ofast -march=barcelona	