Switchblade - Core i7 (i7-3610QM CPU @ 2.30GHz)

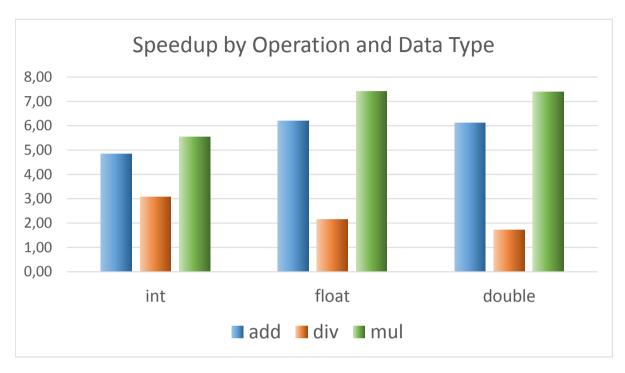| scenario	type	op	num op	result	nseconds	MOPS/s	Speedup
np	int	add	1200000000	4066e-324	3211751001	373,63	
p	int	add	1200000000	4066e-324	663426340	1808,79	**4,84**
np	int	div	1200000000	4066e-324	10244713734	117,13	
p	int	div	1200000000	4066e-324	3331073300	360,24	**3,08**
np	int	mul	1200000000	4066e-324	3661163627	327,76	
p	int	mul	1200000000	4066e-324	659485885	1819,60	**5,55**
np	float	add	1200000000	4066e-324	4093727352	293,13	
p	float	add	1200000000	4066e-324	661058785	1815,27	**6,19**
np	float	div	1200000000	4066e-324	6999458226	171,44	
p	float	div	1200000000	4066e-324	3253318352	368,85	**2,15**
np	float	mul	1200000000	4066e-324	4892182172	245,29	
p	float	mul	1200000000	4066e-324	663737989	1818,50	**7,41**
np	double	add	1200000000	4066e-324	4096105502	292,96	
p	double	add	1200000000	4066e-324	670424129	1789,91	**6,11**
np	double	div	1200000000	4066e-324	12700961825	94,48	
p	double	div	1200000000	4066e-324	7347781171	163,31	**1,73**
np	double	mul	1200000000	4066e-324	4879890271	245,91	
p	double	mul	1200000000	4066e-324	659885416	1818,50	**7,40**

Coreglit.ch - Xeon (E5520 @ 2.27GHz)

scenario	type	op	num op	result	nseconds	MOPS/s	Speedup
np	int	add	1200000000	4.94066e-3	3931535841	305,22	
p	int	add	1200000000	4.94066e-3	1224671226	979,85	**3,21**
np	int	div	1200000000	4.94066e-3	14385511780	83,42	
p	int	div	1200000000	4.94066e-3	5859026217	204,81	**2,46**
np	int	mul	1200000000	4.94066e-3	5108574481	234,90	
p	int	mul	1200000000	4.94066e-3	1572052850	763,33	**3,25**
np	float	add	1200000000	4.94066e-3	5325553608	225,33	
p	float	add	1200000000	4.94066e-3	1214205019	988,30	**4,39**
np	float	div	1200000000	4.94066e-3	7853082693	152,81	
p	float	div	1200000000	4.94066e-3	3737607680	321,06	**2,10**
np	float	mul	1200000000	4.94066e-3	6413015539	187,12	
p	float	mul	1200000000	4.94066e-3	1207668158	993,65	**5,31**
np	double	add	1200000000	4.94066e-3	5344333324	224,54	
p	double	add	1200000000	4.94066e-3	1209540310	992,11	**4,42**
np	double	div	1200000000	4.94066e-3	16512567636	72,67	
p	double	div	1200000000	4.94066e-3	12785352604	93,86	**1,29**
np	double	mul	1200000000	4.94066e-3	6389919385	187,80	
p	double	mul	1200000000	4.94066e-3	1201511925	998,74	**5,32**

Dackel - Xeon (E5-2630L v2 @ 2.40GHz)

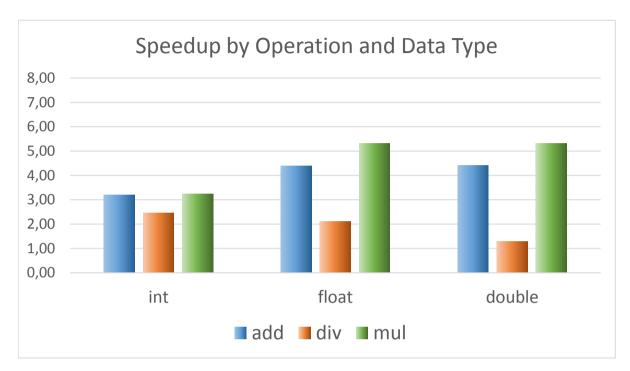| scenario	type	op	num op	result	nseconds	MOPS/s	Speedup
np	int	add	1200000000	6,95E-305	3604399236	332,93	
p	int	add	1200000000	6,95E-305	816045545	1470,51	**4,42**
np	int	div	1200000000	6,95E-305	12682148864	94,62	
p	int	div	1200000000	6,95E-305	4077752693	294,28	**3,11**
np	int	mul	1200000000	6,95E-306	4519888219	265,49	
p	int	mul	1200000000	6,95E-306	816055811	1470,49	**5,54**
np	float	add	1200000000	6,95E-305	5022006015	238,95	
p	float	add	1200000000	6,95E-305	816115318	1470,38	**6,15**
np	float	div	1200000000	6,95E-305	8583705621	139,80	
p	float	div	1200000000	6,95E-305	4017575633	298,69	**2,14**
np	float	mul	1200000000	6,95E-305	6026383528	199,12	
p	float	mul	1200000000	6,95E-305	816130822	1470,50	**7,38**
np	double	add	1200000000	6,95E-305	5022196680	238,94	
p	double	add	1200000000	6,95E-305	816114270	1470,38	**6,15**
np	double	div	1200000000	6,95E-305	15574128924	77,05	
p	double	div	1200000000	6,95E-305	9039194587	132,76	**1,72**
np	double	mul	1200000000	6,95E-305	6026540601	199,12	
p	double	mul	1200000000	6,95E-305	816051134	1470,50	**7,39**

Switchblade - Core i7 (i7-3610QM CPU @ 2.30GHz)

	add	div	mul
int	4,84	**3,08**	5,55
float	6,19	**2,15**	7,41
double	6,11	**1,73**	7,40

Speedup by Operation and Data Type

Addition and multiplication scale pretty well with increasing data type complexity.
Division not so much - any ideas why?

Coreglit.ch - Xeon (E5520 @ 2.27GHz)

	add	div	mul
int	3,21	2,46	3,25
float	4,39	2,10	5,31
double	4,42	1,29	5,32

Speedup by Operation and Data Type

Dackel - Xeon (E5-2630L v2 @ 2.40GHz)

	add	div	mul
int	4,42	3,11	5,54
float	6,15	2,14	7,38
double	6,15	1,72	7,39

Speedup by Operation and Data Type