

## SPU

<b>Equivalent BLAS / LAPACK call</b>	<b>.c [LOC]</b>	<b>.o [KB]</b>	<b>Compilation</b>	<b>Execution time [μs]</b>	<b>Execution speed [Gflop/s]</b>
cblas_sgemm( CblasRowMajor, CblasNoTrans, CblasTrans, 64, 64, 64, -1.0, A, 64, B, 64, 1.0, C, 64);	330	9.0	spu-gcc -Os	22.78	23.01
cblas_ssyrrk( CblasRowMajor, CblasLower, CblasNoTrans, 64, 64, -1.0, A, 64, 1.0, C, 64);	160	4.7	spuxlc -O3	13.23	20.12
cblas_strsm( CblasRowMajor, CblasRight, CblasLower, CblasTrans, CblasNonUnit, 64, 64, 1.0, T, 64, B, 64);	310	8.2	spuxlc -O3	16.47	15.91
lapack_spotrf( lapack_lower, 64, trans(A), 64, &info);	340	4.1	spu-gcc -O3	15.16	5.84

## AltiVec

<b>Equivalent BLAS / LAPACK call</b>	<b>.c [LOC]</b>	<b>.o [KB]</b>	<b>Compilation</b>	<b>Execution time [μs]</b>	<b>Execution speed [Gflop/s]</b>
cblas_sgemm( CblasRowMajor, CblasNoTrans, CblasTrans, 64, 64, 64, -1.0, A, 64, B, 64, 1.0, C, 64);	140	3.7	ppu-gcc -Os	48.78	10.75
cblas_ssyrrk( CblasRowMajor, CblasLower, CblasNoTrans, 64, 64, -1.0, A, 64, 1.0, C, 64);	160	6.8	ppu-gcc -O3	25.36	10.50
cblas_strsm( CblasRowMajor, CblasRight, CblasLower, CblasTrans, CblasNonUnit, 64, 64, 1.0, T, 64, B, 64);	290	5.2	ppu-gcc -Os	45.62	5.75
lapack_spotrf( lapack_lower, 64, trans(A), 64, &info);	350	4.3	ppu-gcc -O3	28.34	3.13