

Matrix Type	Operation	S	C	D	Z
General	Matrix-matrix multiply	SGEMM	CGEMM	DGEMM	ZGEMM
	Matrix-vector multiply	SGEMV	CGEMV	DGEMV	ZGEMV
Triangular	Triangular matrix-matrix multiply	STRMM	CTRMM	DTRMM	ZTRMM
	Triangular matrix solve	STRSM	CTRSM	DTRSM	ZTRSM
Symmetric	Symmetric matrix-matrix multiply	SSYMM	CSYMM	DSYMM	ZSYMM
	Symmetric rank 2k update	SSYR2K	CSYR2K	DSYR2K	ZSYR2K
	Symmetric rank k update	SSYRK	CSYRK	DSYRK	ZSYRK
Hermitian	Hermitian matrix-matrix multiply		CHEMM		ZHEMM
	Hermitian rank 2k update		CHER2K		ZHER2K
	Hermitian rank k update		CHERK		ZHERK