

Task	Precision	Compiler/Operating system		
		GCC	Intel C++	Visual Studio
		Linux	Linux	Windows
Normalizing	single	1.15 ± 0.05	1.04 ± 0.02	1.08 ± 0.07
a 2D vector	double	1.17 ± 0.02	1.01 ± 0.02	1.00 ± 0.05
Normalizing	single	1.38 ± 0.05	1.19 ± 0.02	1.22 ± 0.09
a 3D vector	double	1.36 ± 0.01	1.08 ± 0.53	1.39 ± 0.11
Normalizing	single	1.38 ± 0.06	1.89 ± 0.13	1.46 ± 0.10
a Quaternion	double	1.42 ± 0.08	1.38 ± 0.02	1.66 ± 0.09