

Type of qubit	T_2	Benchmarking (%)	
		One qubit	Two qubits
Infrared photon	0.1 ms	0.016	1
Trapped ion	15 s	0.48 [†]	0.7*
Trapped neutral atom	3 s	5	
Liquid molecule nuclear spins	2 s	0.01 [†]	0.47 [†]
e [−] spin in GaAs quantum dot	3 μs	5	
e [−] spins bound to ³¹ P: ²⁸ Si	0.6 s	5	
²⁹ Si nuclear spins in ²⁸ Si	25 s	5	
NV centre in diamond	2 ms	2	5
Superconducting circuit	4 μs	0.7 [†]	10*