

Quantum Computing vs Classical Computing (vsdiff.com)

Feature	Classical Computing	Quantum Computing
Data Representation	Bits (0s and 1s)	Qubits (0, 1, and both at once)
Processing Power	Linear scaling with additional bits	Exponential scaling with additional qubits
Types of Problems Solved	Favorable for deterministic problems	Ideal for complex, probabilistic problems
Applications	General-purpose computing, web browsing, gaming	Cryptography, optimization, material science
Development Stage	Widely implemented and commercially available	In research and beta testing phases

Source: <https://vsdiff.com/quantum-computing-vs-classical-computing/>