

IBM

- **IBM Quantum Nighthawk** () 30%
- **IBM**
- **IBM Qiskit** 24% (HPC) 100
- **IBM Quantum Loon** ()
- 10
- **IBM 300mm** 10

2025 11 12 / / -- IBM 2026 2029 IBM IBM (IBM Fellow)Jay Gambetta IBM

IBM 2026

IBM IBM Quantum Nighthawk 2026

IBM Quantum Nighthawk 2025

- 120 qubits 218 IBM Quantum Heron 20%
- 30%
- 5,000 two-qubit gates

Nighthawk 2026 7,500 2027 10,000 Nighthawk 2028 15,000 2024 1,000

IBM 2026 IBM Algorithmiq Flatiron InstitutBlueQubit

IBM

(HPC)

IBM Qiskit IBM Qiskit 100 24% Qiskit C-API HPC 100

IBM Qiskit C-API C++ IBM

IBM 2027 Qiskit

IBM

IBM 2029

IBM IBM Quantum Loon IBM IBM Loon IBM Loon

IBM qLDPC 480 Loon qLDPC IBM

IBM

IBM 300mm IBM IBM IBM

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-
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