



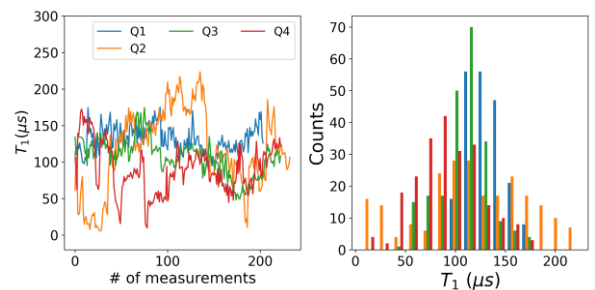
Qubit-in-a-box 0 (QiB0)

Quantum device for benchmarking and calibration

We offer a device featuring multiple single qubits with world-class performance. The device can be used to benchmark your quantum measurement system, or to demonstrate simple quantum processes such as decoherence and qubit state initialization.

Highlights

- High-performance qubits with $T_1 = 90 - 130 \mu\text{s}$ on average and up to $256 \mu\text{s}$.
- Including 4 fixed-frequency qubits and 2 bare coplanar waveguide (CPW) resonators ($Q_i \sim 1\text{M}$).
- Enclosed in an electroplated copper box with 2 SMA ports



	Q1	Q2	Q3	Q4
f_{01} (GHz)	4.346	4.507	4.561	4.716
T_1 (μs)	131.15	116.11	107.31	90.58
Q	3.58	3.29	3.07	2.68

