

Real Machine

Widest QPU Variety

On demand

Global No.1

Real quantum cloud computing with multi-QPU

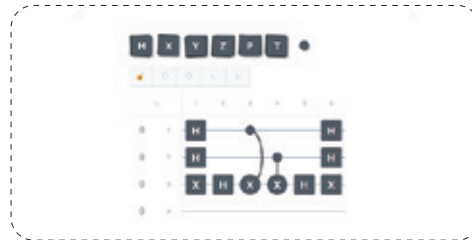
Quantum Cloud Service

Quantum Program Development & Execution Environment

Q Platform: The Beginning of Quantum Cloud

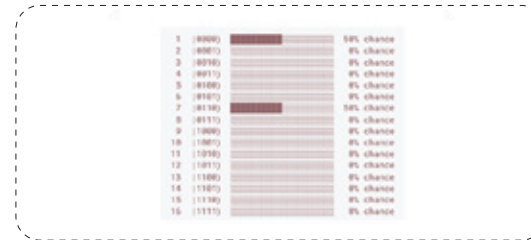


Key Features



Q Editor

- Quantum circuit simulation editor



Real-time Result Update

- Real-time result output & easy modifications

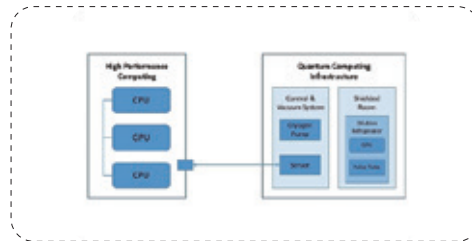


Free Open Source

- Documented API

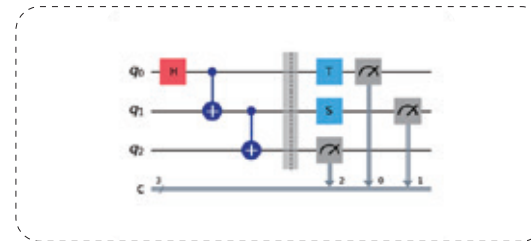


Tutorials



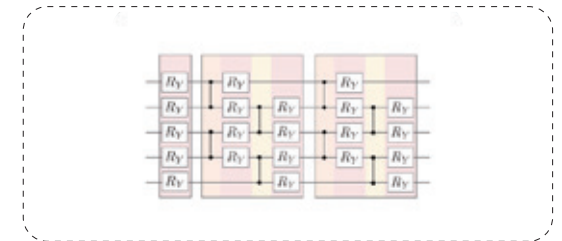
Basic Guide to Quantum Computing

- Introduction to core elements of quantum computing



Guide to Quantum Computing with Qiskit

- Guide to quantum circuit measurement and OpenQASM usage

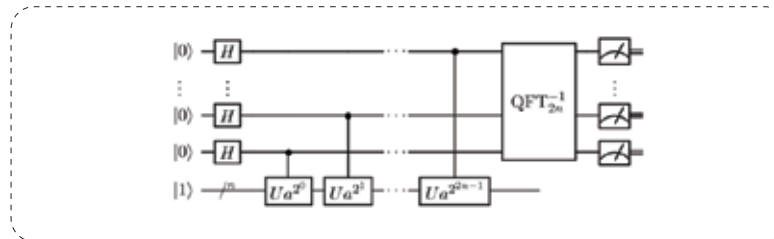


Guide to Quantum AI Using PennyLane

- Overview and guide to using PennyLane
- Gradient calculation
- Understanding and applying quantum operators

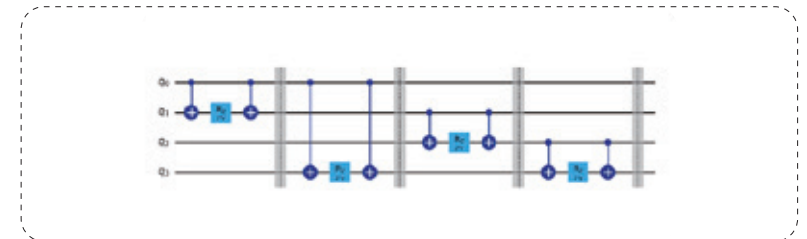


Quantum Algorithms



Examples of Quantum Algorithms

- Introduction to major algorithms such as Grover / Shor algorithms



Case Studies Applying Quantum Algorithms

- Guide to applying quantum algorithms in practical quantum computing scenarios

Quantum Cloud Expansion

More Quantum Computers, Easier Access

One Platform, Multiple QPUs

Global No.1 K-Quantum Cloud

Access to implementation architectures — Superconducting, Ion Trap, Neutral Atom, Photonic, Silicon Spin
Integrated QPU Selection, Comparison and Testing



Quantum Cloud Experience

Widest QPU Variety

Real-machine-based Quantum Computing Resources

Unified multi-QPU environment run by a single code across multiple QPUs
Hybrid integration of simulator (HPC) and real QPU to reduce cost and time

• Super -conducting

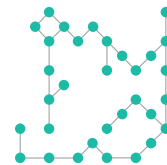
NORMA

QC-32

Status ● Online

Type Superconducting

Qubits 32



32Qubit

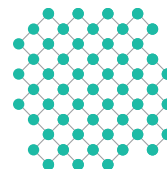
NORMA

QC-50

Status ● Online

Type Superconducting

Qubits 50



54Qubit

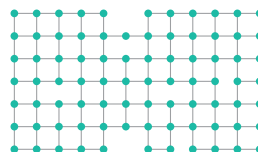
NORMA

QC-84

Status ● Online

Type Superconducting

Qubits 82



84Qubit (82+2)

• Ion Trap

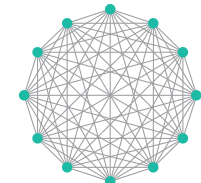
NORMA

QC-12

Status ● Online

Type Ion-Trap

Qubits 12



12Qubit

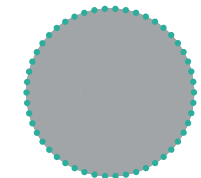
NORMA

QC-50

Status ● Online

Type Ion-Trap

Qubits 50



50Qubit

• Photonic

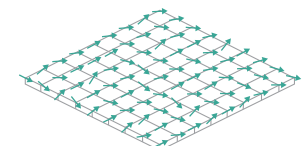
NORMA

QC-D3

Status ● Online

Type Photonic

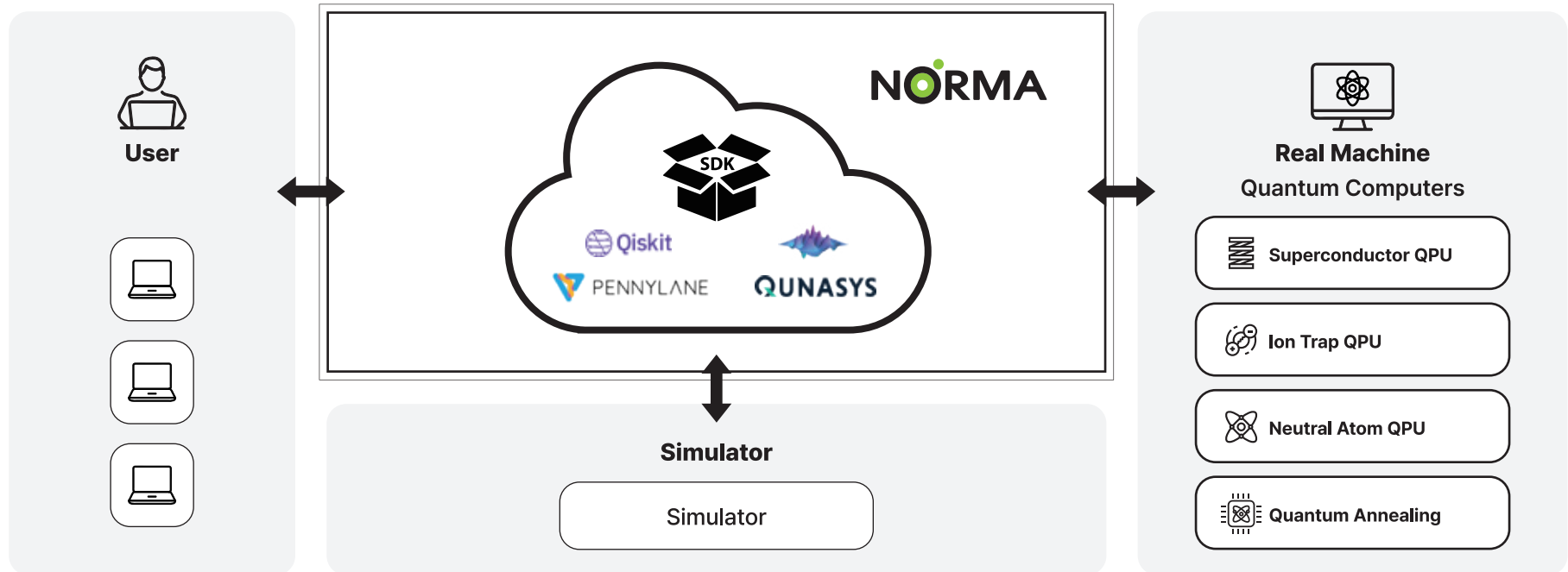
Variables(Max) 949



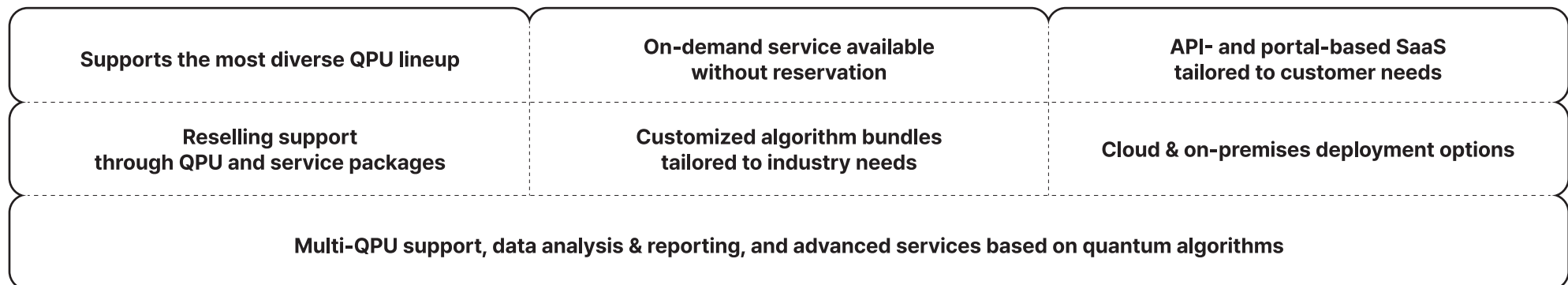
949Qudit

Multi-type Quantum Computer Support

Architecture



Multi-QPU Access via Q Platform — Anytime, Anywhere, No Reservation Required



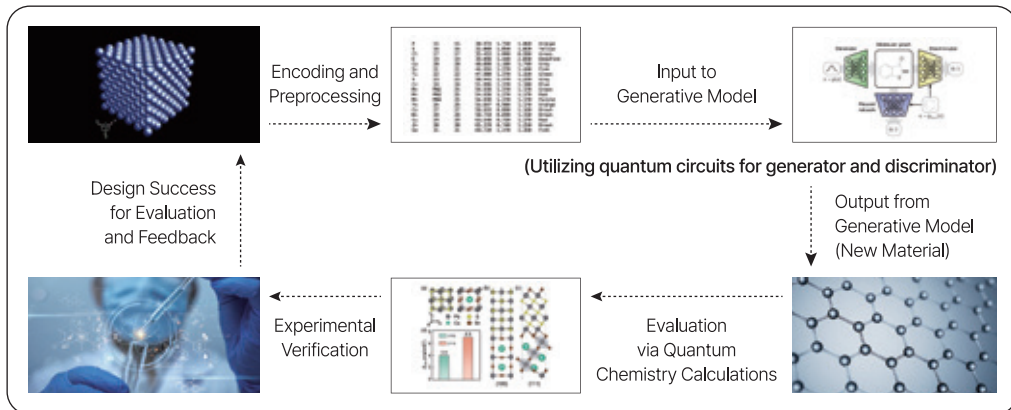
Using the Quantum Cloud

Chemistry Simulation

Optimization

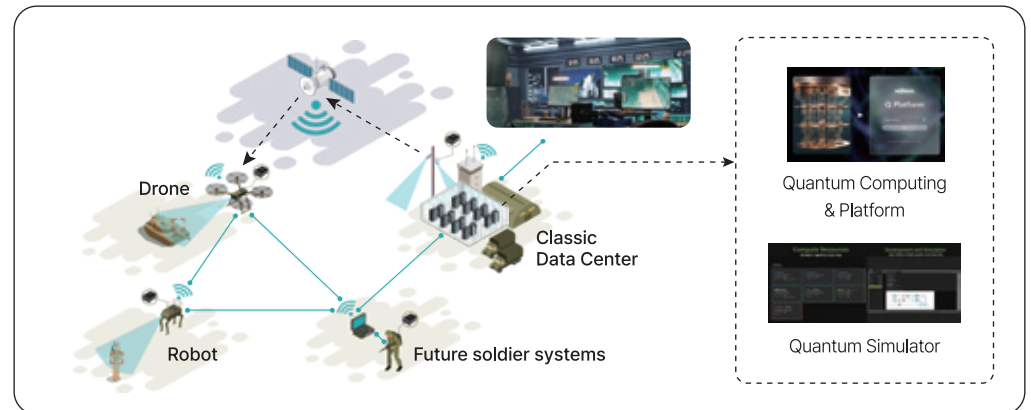
New Material Development

Catalyst Design for CO2 Conversion Reactions



Defense sector

Optimization of Manned-Unmanned Integrated Systems



Machine Learning

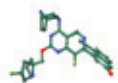
Bio Sector

Drug Discovery R&D

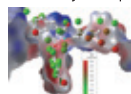
Input

SMILES & SELFIES

Experimental ligand sampling



Protein-specific virtual screening
& ligand library compilation



Comp.

Quantum Algorithms

Quantum-Classical Hybrid GAN (QGAN)



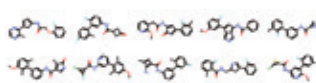
Quantum Circuit Born Machine (QCBM)



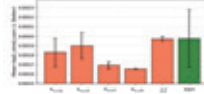
Output

Generated Molecules

Drug candidate selection & synthesis



Boosted performance metrics

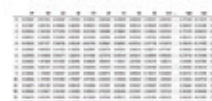


Finance Sector

Development of a Quantum AI-based Credit Scoring System (CSS)

Input

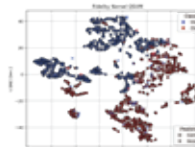
Client Payment Histories



Historical data
(e.g. transaction dates, amount,
of overdue payments etc.)

Comp.

Prediction via
Quantum Machine Learning



(VQC, QSVM)

Output

Prediction of
overdue payment

>93%^{*}
Prediction accuracy

^{*}: Example result prediction rate

NORMA
Connect the Quantum World

The logo features the word 'NORMA' in a bold, white, sans-serif font. The letter 'O' is replaced by a green circle with a white dot in the center, resembling a quantum dot or a stylized eye. Below the logo, the tagline 'Connect the Quantum World' is written in a smaller, white, sans-serif font. The background is a dark blue gradient with glowing, semi-transparent cloud shapes and faint circuit-like patterns.