

## Infleqtion (via CCCX)

Neutral-atom Quantum Systems • Target ticker: INFQ

Due Diligence Report by Mr.SPY

### Latest Info

**Infleqtion to go public via merger with Churchill Capital Corp X (CCCX); combined company expected to trade as INFQ.**

**Transaction financing and scale:** the deal is expected to provide over \$540M of gross proceeds, including \$416M held in the SPAC trust and >\$125M incremental PIPE from leading institutional investors.

**Commercial traction & pipeline:** Infleqtion reported roughly \$29M trailing twelve-month revenue (as of June 30, 2025), ~\$50M booked/awarded business, and a \$300M+ identified pipeline.

Sources: company release and press coverage.

### What Infleqtion Does (Simple)

Infleqtion builds neutral-atom quantum computers, precision quantum sensors, and software. Their platform emphasizes scalability, low cross-talk, and commercial-grade error correction designed for real-world applications in AI, defense, space, and industry.

### Why it matters

- **Real revenue today** — reported TTM revenue and an expanding order book improve near-term commercial visibility.
- **Large market potential** — quantum computing and sensing for national security, communications, materials, and advanced AI.
- **Strong backing** — PIPE participants include well-known institutional investors, adding credibility to the transaction.
- **Roadmap** — company targets to reach 1000 logical qubits by 2030, with interim steps already achieved.

### Products & Use Cases

Product	Use Case	Customers / Partners
Sqale quantum computers	High-performance quantum computing for optimization, materials, and ML	NVIDIA, DoD, NASA (reported)
Tioker quantum atomic clock	Precision timing and PNT for navigation and defense	Government & defense customers (reported)
Quantum RF & inertial sensors	Sensing for security, navigation, and geospatial use cases	Government, space, industrial partners

## 📅 Technology & Commercial Timeline

### 2024–2025

Product sales & initial customer deployments

### Sept 2025

Merger announced with CCCX; target public listing & PIPE

### 2026–2028

Scale systems, roadmap milestones

### 2030

Target: 1,000 logical qubits

## 🏆 Competitive / Strategic Position

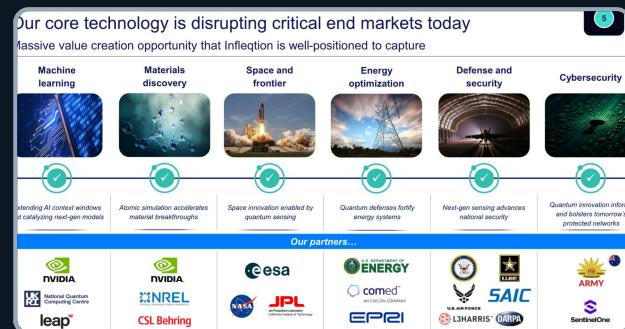
Neutral-atom approach notable for claimed scalability and commercial deployments; strategic validation includes customer wins and collaborations with national labs and industry partners.

## ImageContext

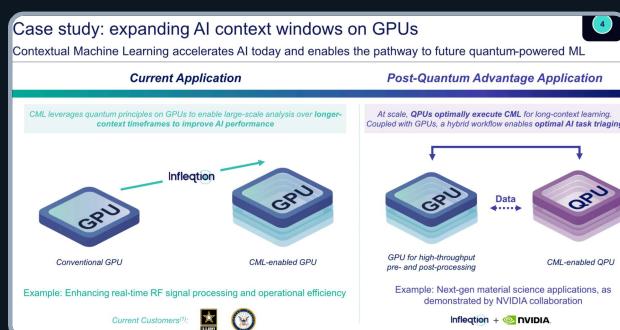
Click any image to enlarge. Replace the src attributes with your image file paths (e.g., images/slide1.png).



Leading partners



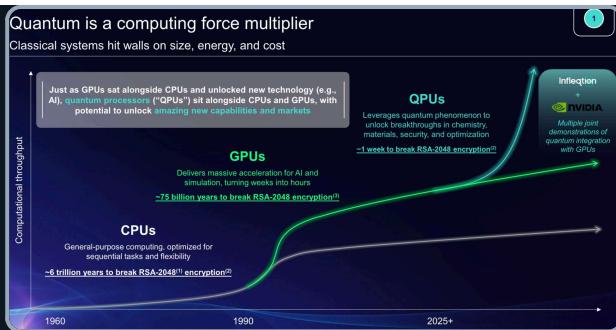
End markets



Case study



Partners



## Records



## Management Team



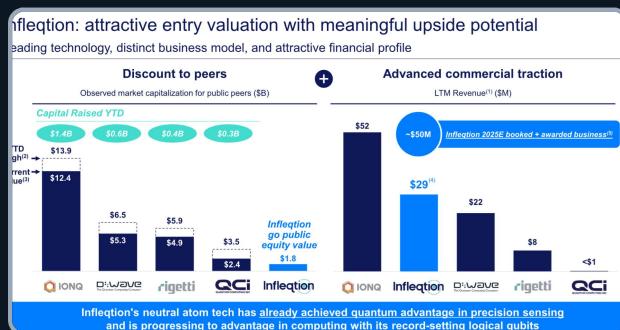
## Products In Use



## Fullstack Apps



## Mission



## Valuation



Examples of our work

**Sqale Superstaq**  
Inflection Leads the Way with First Quantum Computer Installation  
Applying quantum optimization to tackle challenges such as traffic management

**NVIDIA Sqale**  
Inflection Delivers First Quantum Material Design Application Powered by Logical Qubits and NVIDIA CUDA-Q  
Showcasing the technology's potential to tackle otherwise intractable computational challenges, such as the design of next-generation materials

**ARPAE Sqale**  
Inflection Secures \$6.2M ARPA-E Award to Advance Quantum-Powered Energy Grid Optimization  
Supporting the Department of Energy's QCODE project, a pioneering initiative aimed at improving and grid efficiency through quantum computing

**NASA Exaqta**  
NASA Aims to Fly First Quantum Sensor for Gravity Measurements  
Mission will deploy a compact quantum sensor aboard a spaceplane to map variations in Earth's gravitational field with unprecedented sensitivity

**TECH CML**  
1st in the U.S. Army's xTechScalable AI competition for SAPIENT  
Leveraging CML to improve navigation and intelligence capabilities

**NetModx Sqywire**  
Awarded Navy AI contract for application to sensor data streams (QuIC)  
Applying CML-powered AI to enhance real-time RF signal processing  
Demonstrated remarkable receiver sensitivity across a range of frequencies and reinforced potential to enhance modern military communications infrastructure

## Work

## Quick Financial Snapshot

Trailing 12-month revenue (to Jun 30, 2025)

**\$29M**

Booked / Awarded

**\$50M (est)**

Identified pipeline

\$300M+

Pre-money valuation

\$1.8B (announced)

Expected proceeds

&gt;\$540M (incl. PIPE)

Target ticker

INFQ (expected)

## Notable Partners

NVIDIA • U.S. Department of Defense • NASA • Various government and commercial partners

## Key Risks

- Execution risk in scaling hardware and roadmap timelines.
- SPAC/merger approval and PIPE completion dependencies.
- Competition and high capital intensity.
- Market adoption timelines for practical quantum advantage.

Switch: Beginner Mode

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## Latest News &amp; Coverage

**Infleqtion to go public via Churchill Capital Corp X (CCCX); proceeds and PIPE to accelerate roadmap**

Source: company press release &amp; U.S. filings.

**Infleqtion unveils new architecture and accelerates roadmap toward 1,000 logical qubits by 2030**

Source: Inflection announcement & technical updates.

## Market reaction: CCCX stock moves on merger optimism and analyst commentary

Coverage example: Benzinga / Investing.com market notes on CCCX price action.

Tip: swap this static block for a live NewsAPI or RSS feed to show fresh headlines.

## Glossary

Neutral-atom quantum computing

Uses optically trapped atoms as qubits; notable for scalability and flexible qubit arrays.

Logical qubit

An error-corrected qubit constructed from many physical qubits to perform reliable computation.

PIPE

Private Investment in Public Equity — private funding raised alongside a SPAC merger to support growth and provide liquidity.

TAM

Total addressable market — the full revenue opportunity if a product captured 100% market share.

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