



# Nothing Compares to Q: The Roadmap for Quantum Computing

## Quantum Is Now.

Bank of America A Transforming World Conference  
November 12, 2025



**Inder Singh**

Chief Financial Officer and  
Chief Operating Officer

# Important Information



## Forward-Looking Statements and Other Information

This presentation contains forward-looking statements. All statements other than statements of historical fact are forward-looking statements, including but not limited to statements regarding our guidance for our financial performance, our quantum computing roadmap and associated applications and future growth in our R&D spend. In some cases, you can identify forward-looking statements because they contain certain words such as “anticipate,” “believe,” “close,” “confident,” “continue,” “could,” “estimate,” “expect,” “intend,” “may,” “plan,” “potential,” “predict,” “project,” “should,” “will,” “would” or the negative of these words or other similar terms or expressions. Forward-looking statements are subject to various risks and uncertainties. Accordingly, there are important factors that could cause actual outcomes or results to differ materially from those indicated in these statements. Moreover, new risks and uncertainties emerge from time to time, and it is not possible for us to predict all risks and uncertainties that could have an impact on the forward-looking statements contained in this presentation. The results, events and circumstances reflected in the forward-looking statements made herein may not be achieved or occur, and actual results, events or circumstances could differ materially from those described in the forward-looking statements. Given these risks and uncertainties, you are cautioned not to place undue reliance on any forward-looking statements. For additional information on these and other factors that could cause our actual results to differ materially from those set forth in the forward-looking statements contained in this presentation, please see our Annual Report on Form 10-K for the year ended December 31, 2024 and our Quarterly Reports on Form 10-Q for the quarters ended March 31, 2025, June 30, 2025 and September 30, 2025 filed with the Securities and Exchange Commission.

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A replay will be available for 1 year.

# The Quantum Leader in Every Metric That Matters And The World's Only Quantum Platform Company



**1,100+ world-class employees** and domain experts and **1,100+ patent portfolio moat**



IonQ advances to  
Phase B of  
DARPA QBI



U.S. DEPARTMENT  
of ENERGY  
IonQ and U.S.  
Department of  
Energy sign MoU

Global quantum strategy supported by  
**government partnerships**

Ansys

AstraZeneca



AIRBUS

Oak Ridge  
National Laboratory

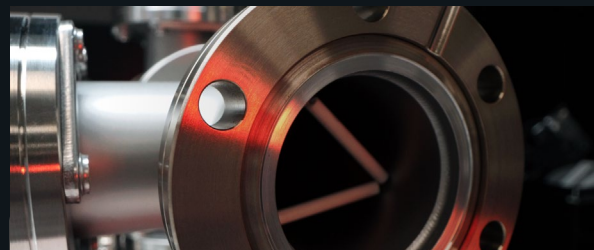
Leading demonstrations of **commercial advantage with world-renowned customers**



First pure-play public quantum business to  
guide to **triple-digit revenue for FY25**



Strongest financial position with  
**\$3.5Bn in Cash and Investments<sup>1</sup>**



Accelerating innovation with over  
**\$200M annual R&D spend and growing**

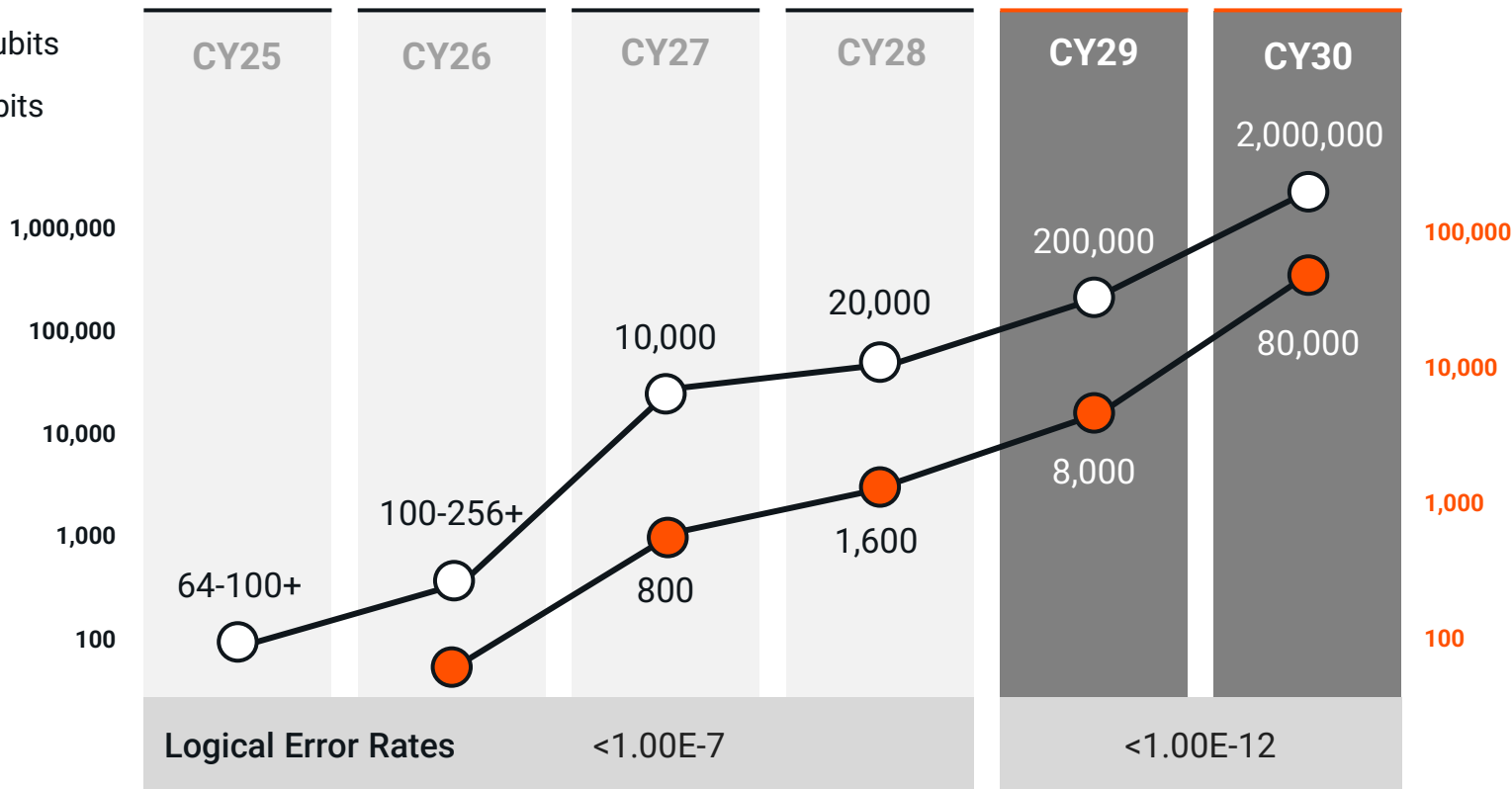
# Five Generations of Machines In The Market And More Coming



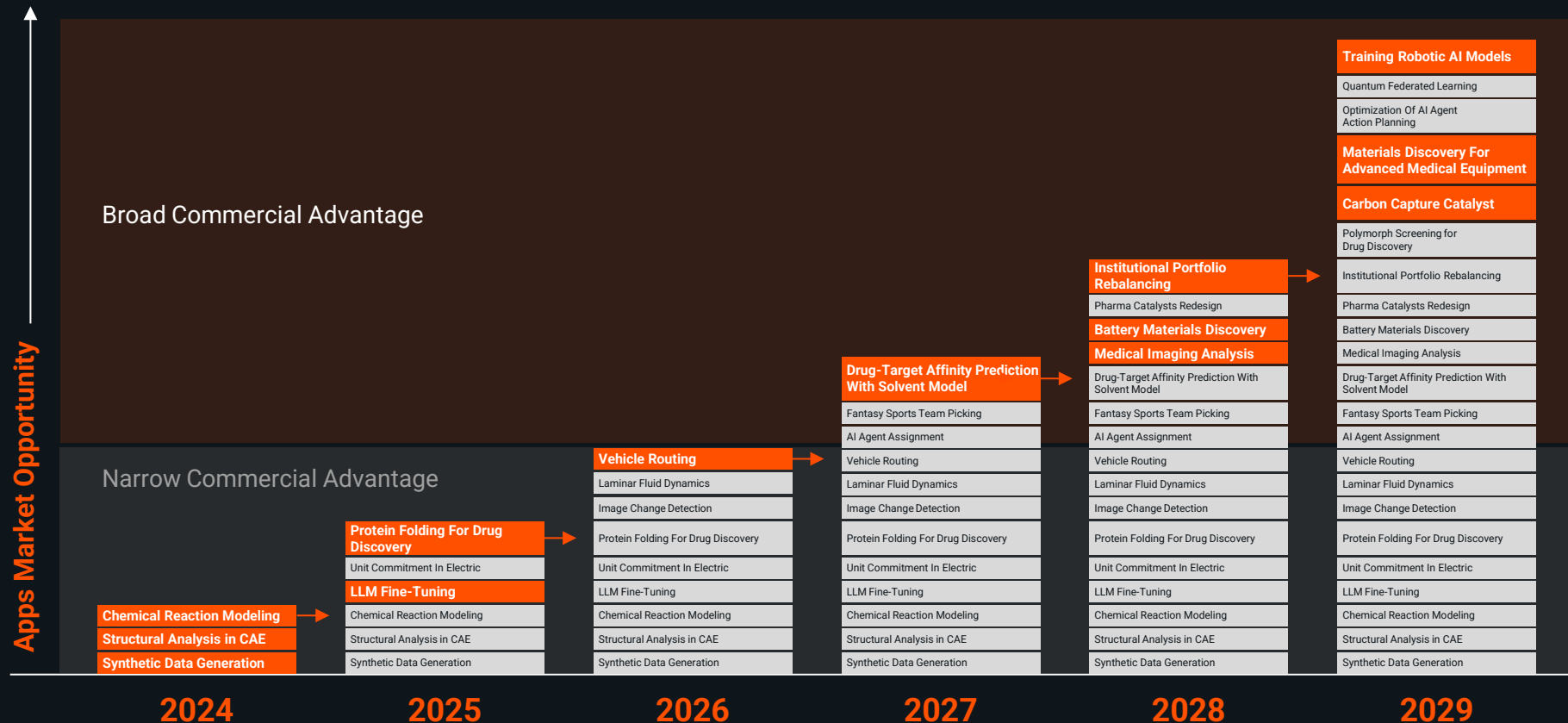
- IonQ Tempo is the most powerful machine in the world, with **36 quadrillion times more computational space** than competitor systems<sup>2</sup>
- Highest fidelity in the world: **99.99%**
- Estimated BOM costs are **30x lower** than competitors
- Our roadmap goes to **80,000 logical qubits by 2030**, while others reach a mere few thousand



# Leading Quantum Computing Technology Roadmap



# Exponential Edge: Our Computers Unlock Vast Applications



# Delivering Early Quantum Advantage **Today**

## FINANCE

World's Largest  
Financial Institution

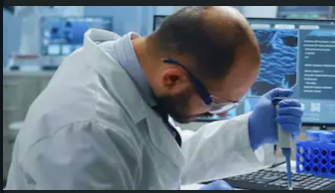


Financial Services

100 Gbps IPsec VPN  
using Quantum Key  
Distribution —  
**demonstrating a  
quantum-secure  
network at scale**

## PHARMA

AstraZeneca 



Drug Discovery

**656x faster time-to-  
solution** vs AWS's  
best published  
implementation

## AUTOMOTIVE

  
HYUNDAI



QML and Chemistry

Image recognition  
and **largest QC  
battery chemistry  
model** for improved  
performance

## ENERGY

Oak Ridge  
National Laboratory

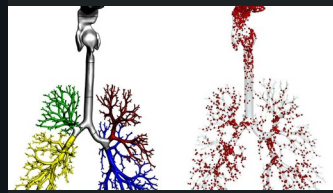


Grid Optimization

**Novel QITE algorithm**  
enables massive  
scale on range of  
problems like unit  
commitment

## SIMULATION

**Ansys**



Computational  
Engineering

**Up to 12%  
improvement over  
classical methods**  
in medical device  
modeling



# The Only Quantum Platform Company That Can Now Deliver Integrated Solutions



## Quantum Computing

World's most powerful AQ 64 quantum computing device, with 256 qubits in 1 year and 10,000 qubits in ~2 years



## Quantum Networking

Connecting quantum computers together to create the **first-ever quantum internet**



## Quantum Cybersecurity

Deploying quantum cybersecurity solutions today, before encryption is broken in the not too distant future



## Quantum Sensing

The world's best atomic clocks and jam-proof quantum sensors for **ultrahigh precision and accuracy**

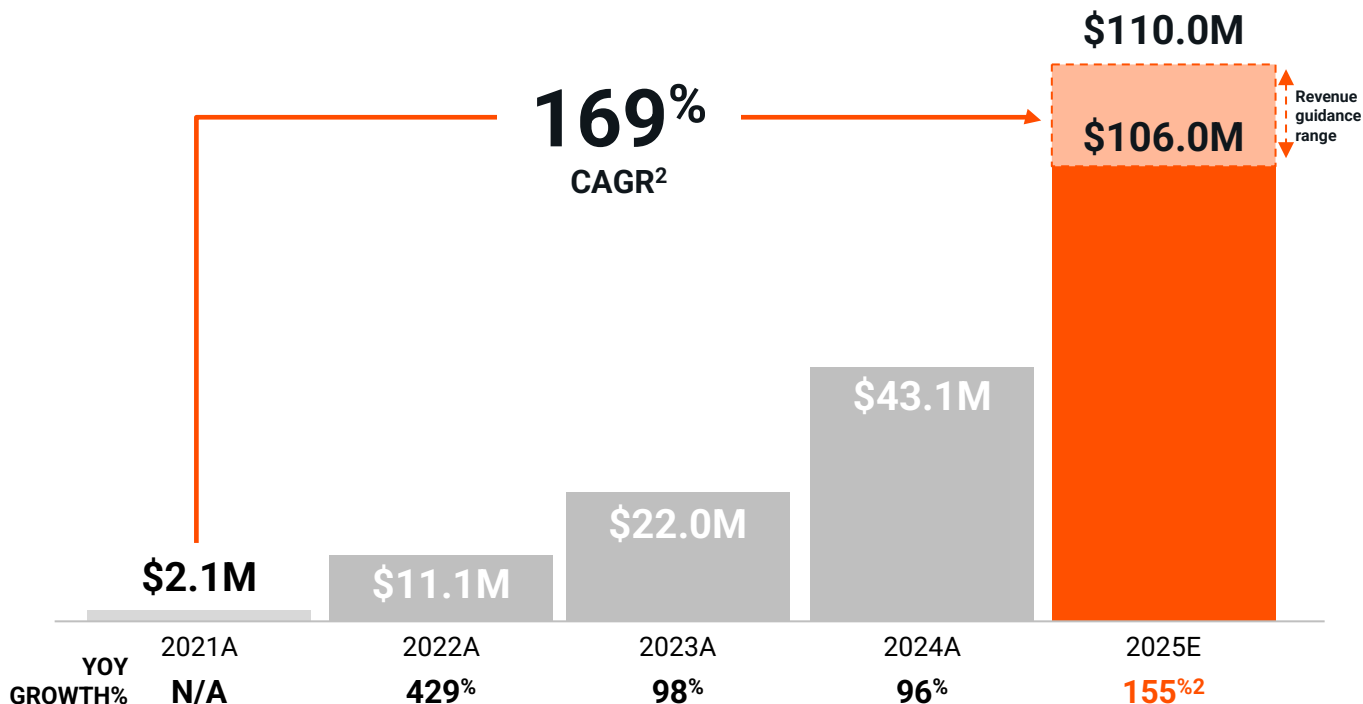


## Quantum in-Space

Extending quantum into space, including the most recent pending product addition to our portfolio, **Skyloom: ultra-fast, ultra-secure optical interconnects for greater bandwidth as we invest in QKD in space<sup>1</sup>**



# Highest Revenue in the Industry, with a Fortress Balance Sheet<sup>1</sup>



## Balance Sheet

**\$3.5B Cash**  
**\$0 Debt**

With \$3.5B in cash and investments and no debt, IonQ is the best-capitalized pure-play quantum provider today<sup>3</sup>

1. Highest revenue based on pure-play, public quantum computing businesses  
 2. CAGR and year-over-year growth based on high end of 2025 revenue guidance range (\$110.0M) provided on November 5, 2025  
 3. Cash and investments at September 30, 2025, pro forma for \$1.98 billion of net proceeds from an equity issuance on October 14, 2025

# IonQ Is Quickly Establishing a Global Footprint

