Quantum Sweden Innovation Intelligence Digest (QSIID) is a curated monthly newsletter with external quantum innovation business news from around the globe.

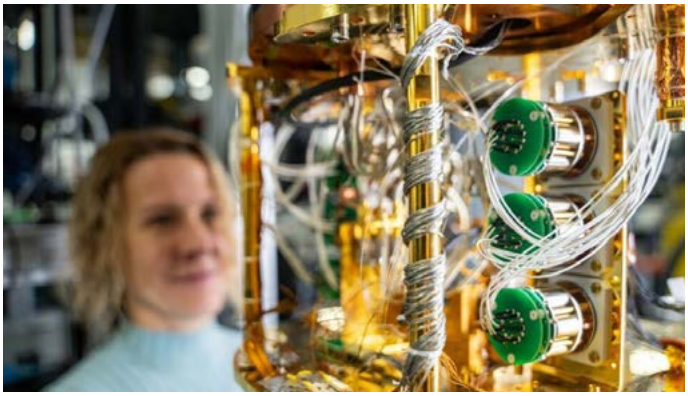


Photo courtesy of Photonic Inc.

Photonic & TELUS Demonstrate WorldFirst Quantum Teleportation Over Existing Fiber Networks

Photonic Inc. and TELUS achieved a landmark technical milestone by teleporting quantum information across 30 km of TELUS' existing commercial fiber network. Distinct from previous photonic-only experiments, this demonstration successfully transferred qubit states into a remote matterbased processor—an essential capability for scalable quantum networks and distributed quantum computing.
Read more here.

Quantum Computing Inc. Completes $110M Acquisition of Luminar Semiconductor

QCi finalized its acquisition of Luminar Semiconductor, adding lasers, detectors, packaging, and photonics manufacturing capabilities to its platform. This vertically integrated photonics stack enables chipscale, room-temperature quantum hardware and strengthens QCi's foothold in defense, aerospace, and industrial quantum markets.
Read more here.

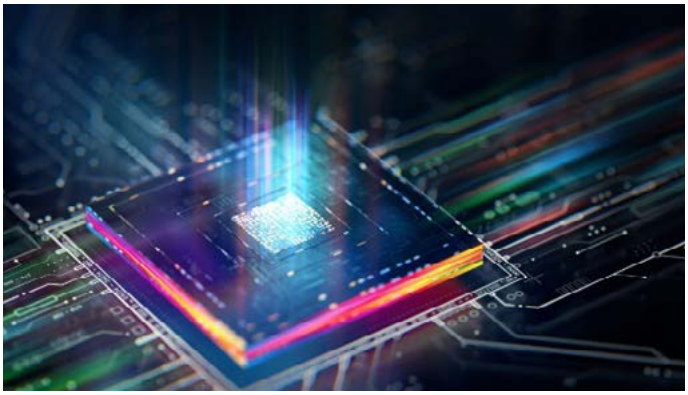
Reliance Global Group to Acquire Majority Stake in PostQuantum Cybersecurity Firm Enquantum

Reliance announced a definitive agreement to acquire a 51% stake in Enquantum, a postquantum cryptography company developing nextgeneration encryption solutions. The acquisition reflects accelerating global urgency around PQC deployment as governments and enterprises prepare for quantumenabled cyber threats.
Read more here.

IonQ Strengthens Market Position with Rising Precision & Government Contracts

A February 2026 industry analysis highlights IonQ's leadership in trappedion systems, emphasizing high gate fidelity (up to 99.99%) and strong government contract momentum. The report positions IonQ as the leading commercial quantum stock for 2026 due to scalability advantages and defensealigned applications.
Read more here.

QSIP – Empowering Sweden's Quantum Innovation Future

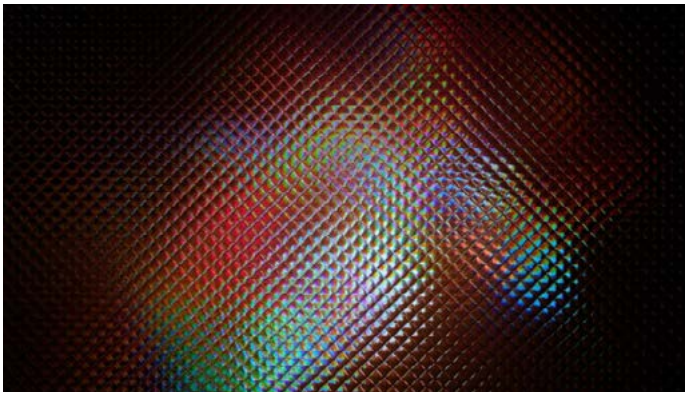


Dell Technologies Outlines QuantumReady Infrastructure Strategy at CES 2026

At CES 2026, Dell highlighted its strategy to build hybrid quantum–AI–HPC infrastructures that integrate CPUs, GPUs, and QPUs into quantumready enterprise environments. Dell emphasized the need for public-private partnerships, workforce development, and ZeroTrust architectures to support future quantum adoption.
Read more here.

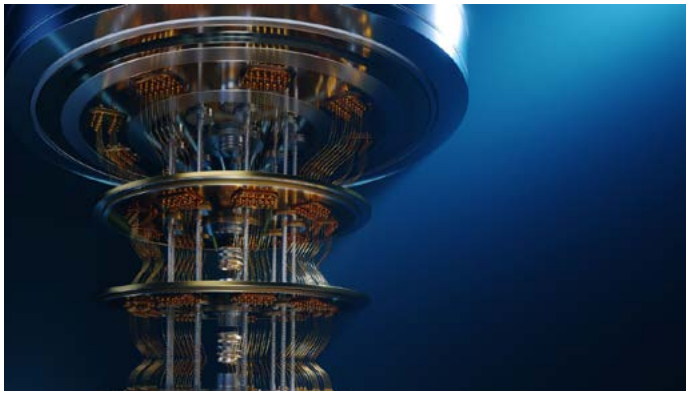
Quantum 2.0 Market Report Forecasts Growth from $3B (2026) to $50B (2036)

A new market report projects that the Quantum 2.0 sector—including computing, sensing, communications, and simulation—will expand from $3B in 2026 to more than $50B by 2036. The analysis attributes growth to rising government investment (> $40B globally), private capital, and adoption in finance, healthcare, energy, and defense.
Read more here.



January 2026 Global Quantum Strategy Shift (Government & Industry Realignment)

Governments across Asia, Europe, and North America rolled out new national quantum strategies, linking quantum to defense, semiconductor security, and industrial manufacturing. Simultaneously, companies invested in supply chains, fabrication capacity, and photonics to meet future commercial demand.
Read more here.



IonQ's $1.8B Acquisition of SkyWater Technology

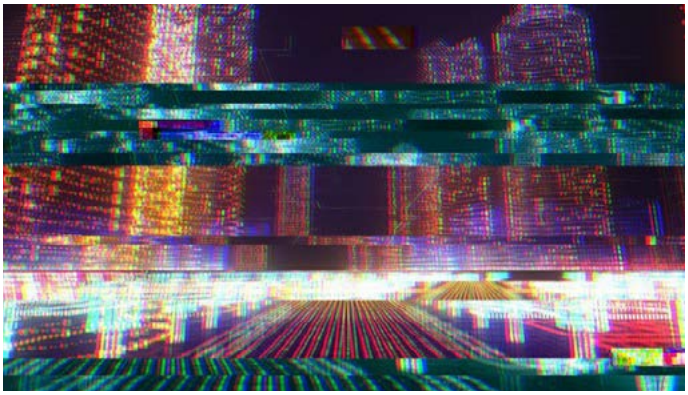
This is the largest and most strategically transformative deal in the sector, creating the first vertically integrated, fullstack U.S. quantum computing platform. The acquisition secures domestic chip fabrication capabilities, accelerates IonQ's roadmap toward faulttolerant quantum systems, and strengthens its position as a key U.S. government and national security partner.
Read more here.

Rigetti Wins $8.4M Order for a 108Qubit Quantum Computer in India

Rigetti secured a significant government contract from India's CDAC to deliver an onpremises 108qubit system in 2026. The deal reinforces nationallevel investments into quantum infrastructure and underscores Rigetti's leadership in superconducting qubits and scalable chiplet architectures.
Read more here.

Quantum Computing Inc. to Acquire Luminar Semiconductor for $110M

QCi announced an allcash $110M deal to acquire Luminar Semiconductor, adding photonics IP, components, and engineering talent to accelerate development of compact, integrated quantum systems and strengthen its supply chain.
Read more here.



Luminar Lidar Business Attracts $22M Bid from Quantum Computing Inc.

As part of Luminar's bankruptcy restructuring, QCi placed a $22M stalkinghorse bid for the company's lidar unit, marking a deeper pivot into optical technologies relevant for quantum systems.
Read more here.

UBS Identifies Stocks Leading Quantum Computing Breakthroughs

UBS highlighted several companies showing "meaningful breakthroughs" in quantum computing, reinforcing institutional investor confidence in the sector's commercial potential heading into 2026.
Read more here.

IonQ, Rigetti, DWave and QUBT Deliver a $4.15B 'Reality Check' to Wall Street

A cluster of pureplay quantum stocks showed explosive (up to 6,200%) 12month gains in 2025, driven by earlystage commercial traction and major cloud partnerships. However, capital raises and limited revenue highlight market risk as companies move from hype to commercialization.
Read more here.

Amazon, IBM, Google, IonQ and DWave Drive 2026 Commercial Momentum

A Zacks analysis highlights rapid revenue growth at IonQ, new hardware such as Amazon's Ocelot quantum chip, IBM's new quantum data center, and Google's 105qubit Willow chip demonstrating realworld quantum advantage—signaling a shift from theoretical capability to commercial execution.
Read more here.

Government Funding Surge Boosts Quantum Sector Heading into 2026

A renewed U.S. National Quantum Initiative and expanded global government investments (DOE commitments, international programs) are accelerating quantum commercialization. Stocks like IonQ, DWave, and IBM are positioned to benefit from government demand and nationalscale deployments.
Read more here.

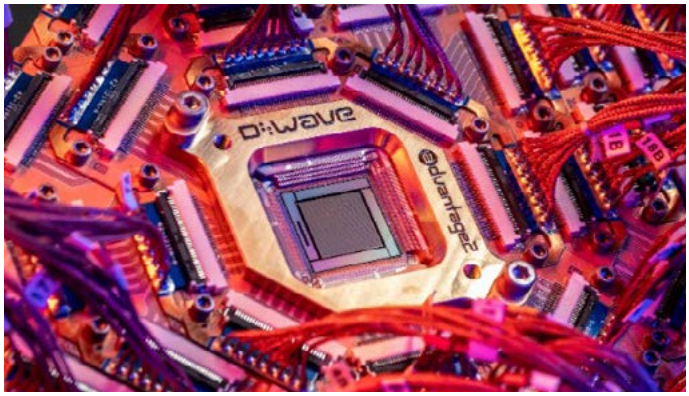


Photo: D-Wave

D-Wave's major breakthrough

Rounding out a month of rapid advancements, DWave announced an industryfirst breakthrough: a scalable onchip cryogenic control system for gatemodel qubits. This technological milestone overcomes a major scaling bottleneck and reinforces the company's hybrid (annealing + gatemodel) approach to nextgeneration quantum hardware.
Read more here.