

# DUG Makes ASX Debut

---

 [hpcwire.com/off-the-wire/dug-makes-asx-debut/](https://hpcwire.com/off-the-wire/dug-makes-asx-debut/)

August 11, 2020

Aug. 11, 2020 — High-performance computing expert DUG Technology will make its ASX, a financial market exchange, debut tomorrow (Wednesday, August 12), two weeks earlier than planned after an overwhelming response to its share offer. ASX operates within the worldwide Australian financial markets.

The offer opened on July 20 and was due to close on August 10 but was strongly supported and closed on July 24 oversubscribed. DUG was originally due to start trading on August 25.

Shares have been issued at \$1.35, with 99,473,544 shares on completion for an initial market capitalization of \$A134 million, to raise \$A26 million.

DUG operates networked supercomputers in Perth, Kuala Lumpur, London, and Houston and has traditionally serviced the oil and gas sector.

It is broadening its client base into other sectors including astrophysics, research, bioinformatics, and meteorology using its innovative DUG McCloud platform.

The company, led by founder and Managing Director Matt Lamont, strengthened its board ahead of the listing, appointing former WA Chief Justice Wayne Martin as chairman, and internet entrepreneur Michael Malone and former KPMG partner Mark Puzey as independent non-executive directors.

Dr Lamont said the ASX listing was critical for the next growth phase of the company. “The DUG team is ready to grasp the opportunities this ASX listing will present,” Dr. Lamont said. “The opportunities that have presented themselves as part of our DUG McCloud initiative are too large for our historical revenue-funded growth approach and too exciting to be ignored. Once prospective clients have the opportunity to use our software on the McCloud platform, they quickly see the clear benefits.”

## **About DUG**

DUG is a technology company at the forefront of high-performance computing with a strong foundation in applied physics. DUG’s innovative hardware and software solutions for the global technology and resource sectors enable clients to leverage large and complex datasets. The company provides cloud-based software and hardware solutions, multi-tiered support for technology onboarding and code optimization, and integrated geoscience services. DUG has offices in Perth, London, Houston, and Kuala

Lumpur. The company designs, owns, and operates some of the largest and greenest supercomputers on Earth. Connect with DUG on Twitter @Team\_DUG or visit [www.dug.com](http://www.dug.com)

## About DUG McCloud

DUG McCloud is an innovative platform that allows clients to mix and match DUG's highperformance computing as a service (HPCaaS), seismic processing and imaging (P&I) services, and the DUG Insight geoscience software, to suit their needs. This includes disk storage and a unique, cost-effective online archive facility that allows web-based data visualization. An application programming interface (API) is available for clients to incorporate their software into the P&I system. The HPC is provided by some of the largest and greenest supercomputers in the world with major centres in Houston, Perth, and Kuala Lumpur. The DUG Technology share offer The offer of shares in DUG Technology Ltd will be made in or accompanied by a prospectus dated 10 July 2020 which should be considered in deciding whether to acquire those shares. During the Exposure Period, an electronic version of this Prospectus without an Application Form will be available at <http://dug.com> for Australian investors only. Application Forms will not be made available until after the Exposure Period has expired. Anyone who wants to acquire shares in DUG Technology Ltd will need to complete the Application Form that will be in or accompany the Prospectus.

---

*Source: DUG*

## Leading Solution Providers

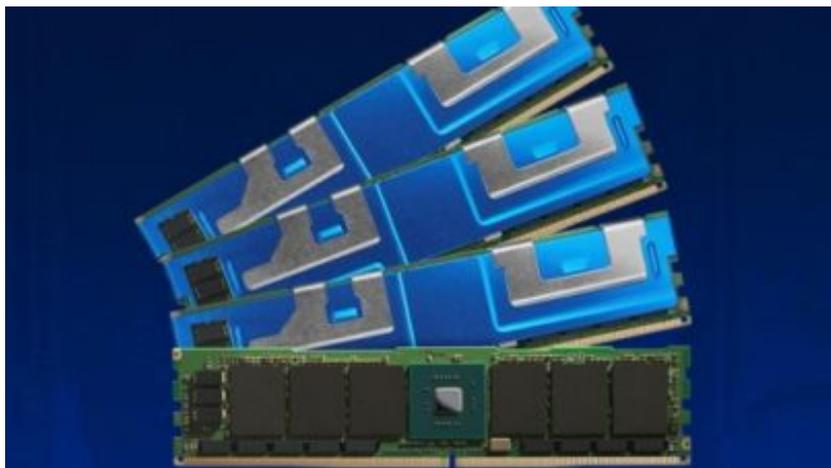
---





[Subscribe to HPCwire's Weekly Update!](#)

[Be the most informed person in the room! Stay ahead of the tech trends with industry updates delivered to you every week!](#)



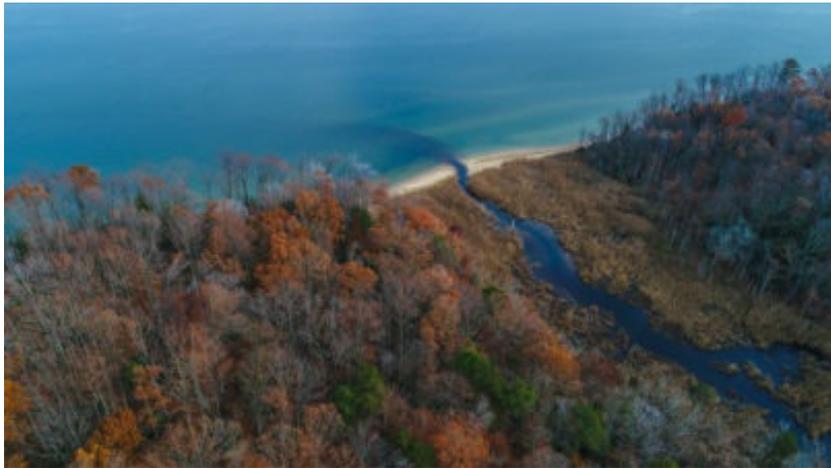
**Summit Now Offers Virtual Tours**

August 10, 2020

Summit, the second most powerful publicly ranked supercomputer in the world, now has a virtual tour. The tour, implemented by 3D platform Matterport, allows users to virtually “walk” around the massive supercomputer [Read more...](#)

**By Oliver Peckham**

---



## **Supercomputer Simulations Examine Changes in Chesapeake Bay**

---

August 8, 2020

The Chesapeake Bay, the largest estuary in the continental United States, weaves its way south from Maryland, collecting waters from West Virginia, Delaware, DC, Pennsylvania and New York along the way. Like many major e [Read more...](#)

**By Oliver Peckham**

---



## **Student Success from ‘Scratch’: CHPC’s Proof is in the Pudding**

---

August 7, 2020

Happy Sithole, who directs the South African Centre for High Performance Computing (SA-CHPC), called the 13th annual CHPC National conference to order on December 1, 2019, at the Birchwood Conference Centre in Kempton Pa [Read more...](#)

**By Elizabeth Leake**

---



## **New GE Simulations on Summit to Advance Offshore Wind Power**

---

August 6, 2020

The wind energy sector is a frequent user of high-power simulations, with researchers aiming to optimize wind flows and energy production from the massive turbines. Now, researchers at GE are preparing to undertake a lar [Read more...](#)

**By Oliver Peckham**

---

**AWS Solution Channel**

---



## **AWS announces the release of AWS ParallelCluster 2.8.0**

---

AWS ParallelCluster is a fully supported and maintained open source cluster management tool that makes it easy for scientists, researchers, and IT administrators to deploy and manage High Performance Computing (HPC) clusters in the AWS cloud. [Read more...](#)

[Visit the](#)

**SOLUTION**  
CHANNEL



### **Previous:**

---

- [Amazon FSx for Lustre Makes It Easier to Process Data with Automatic Updates from Amazon S3](#)
- [Scaling Up Your HPC Infrastructure and Keeping Your Costs Under Control: New videos From The ISC High Performance 2020 Digital Event](#)
- [INEOS TEAM UK Accelerates Boat Design for America's Cup Using HPC on AWS](#)

## **Intel® HPC + AI Pavilion**

---



## **Supercomputing the Pandemic: Scientific Community Tackles COVID-19 from Multiple Perspectives**

---

Since their inception, supercomputers have taken on the biggest, most complex, and most data-intensive computing challenges—from confirming Einstein’s theories about gravitational waves to predicting the impacts of climate change. [Read more...](#)

[Visit the](#)

**SOLUTION**  
CHANNEL



### **Previous:**

---

- [HPC Workload Convergence Paves the Way for AI in the Exascale Era](#)
- [Software First: oneAPI Simplifies Development for Heterogeneous Computing](#)
- [Expanding Resources with Rapid HPC Orchestration in the Cloud](#)



## **Research: A Survey of Numerical Methods Utilizing Mixed Precision Arithmetic**

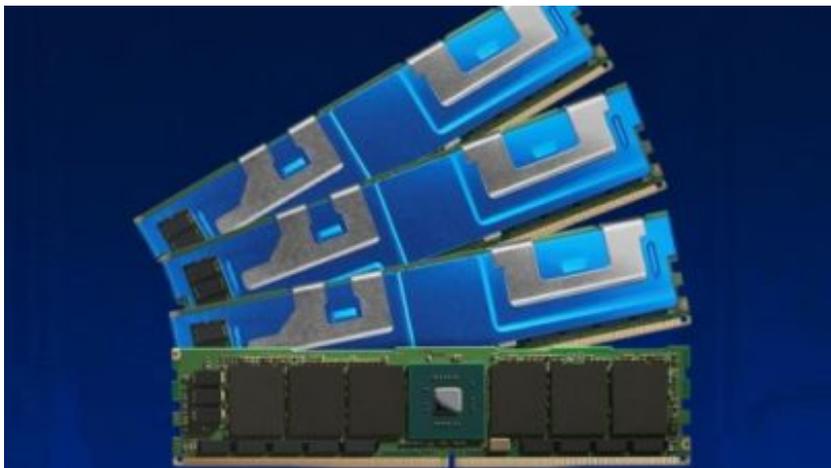
---

August 5, 2020

Within the past years, hardware vendors have started designing low precision special function units in response to the demand of the machine learning community and their demand for high compute power in low precision for [Read more...](#)

**By Hartwig Anzt and Jack Dongarra**

---



## **Intel's Optane/DAOS Solution Tops Latest IO500**

---

August 11, 2020

Intel's persistent memory technology, Optane, and its DAOS (Distributed Asynchronous Object Storage) stack continue to impress and gain market traction. Yeste [Read more...](#)

By John Russell

---



## **Summit Now Offers Virtual Tours**

---

August 10, 2020

Summit, the second most powerful publicly ranked supercomputer in the world, now has a virtual tour. The tour, implemented by 3D platform Matterport, allows use [Read more...](#)

By Oliver Peckham

---



## **Research: A Survey of Numerical Methods Utilizing Mixed Precision Arithmetic**

---

August 5, 2020

Within the past years, hardware vendors have started designing low precision special

function units in response to the demand of the machine learning community [Read more...](#)

**By Hartwig Anzt and Jack Dongarra**

---



## **Implement Photonic Tensor Cores for Machine Learning?**

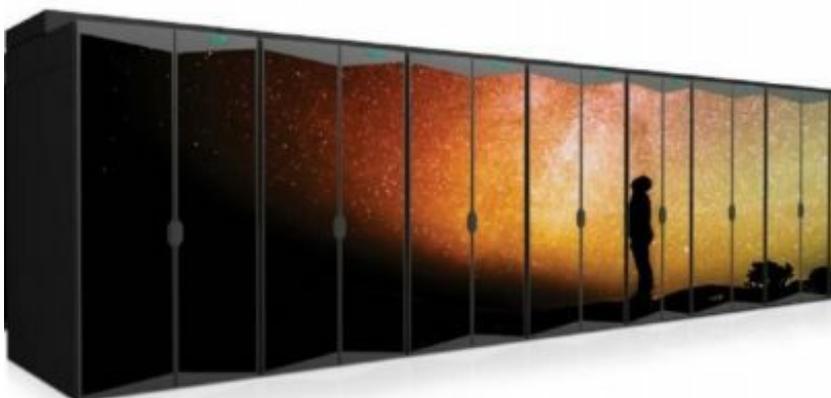
---

August 5, 2020

Researchers from George Washington University have reported an approach for building photonic tensor cores that leverages phase change photonic memory to implem [Read more...](#)

**By John Russell**

---



## **HPE Keeps Cray Brand Promise, Reveals HPE Cray Supercomputing Line**

---

August 4, 2020

The HPC community, ever-affectionate toward Cray and its eponymous founder, can breathe a (virtual) sigh of relief. The Cray brand will live on, encompassing th [Read more...](#)

**By Tiffany Trader**

---



## **Machines, Connections, Data, and Especially People: OAC Acting Director Amy Friedlander Charts Office's Blueprint for Innovation**

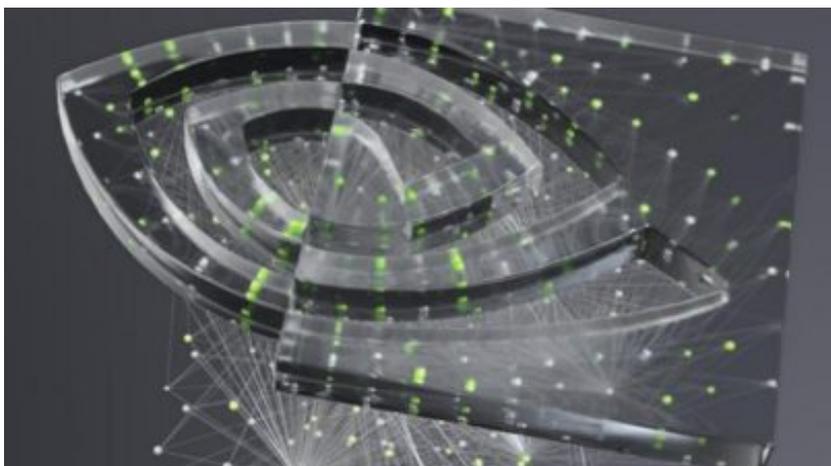
---

August 3, 2020

The path to innovation in cyberinfrastructure (CI) will require continued focus on building HPC systems and secure connections between them, in addition to the [Read more...](#)

**By Ken Chiacchia, Pittsburgh Supercomputing Center/XSEDE**

---



## **Nvidia Said to Be Close on Arm Deal**

---

August 3, 2020

GPU leader Nvidia Corp. is in talks to buy U.K. chip designer Arm from parent company Softbank, according to several reports over the weekend. If consummated [Read more...](#)

**By George Leopold**

---



## **Intel's 7nm Slip Raises Questions About Ponte Vecchio GPU, Aurora Supercomputer**

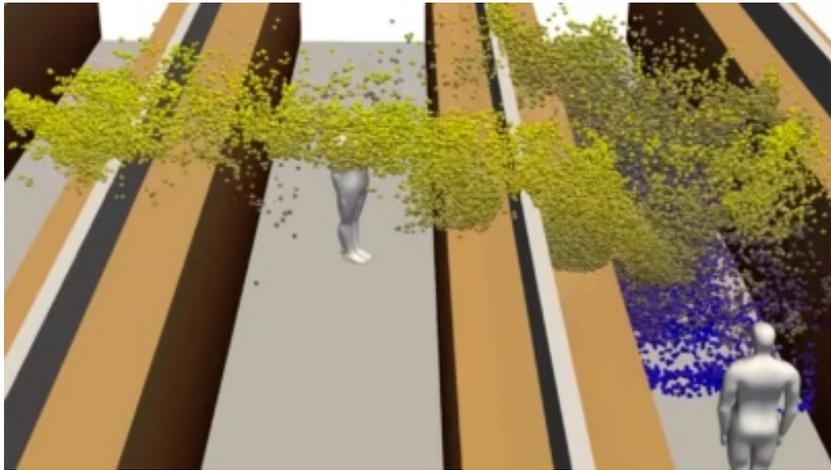
---

July 30, 2020

During its second-quarter earnings call, Intel announced a one-year delay of its 7nm process technology, which it says it will create an approximate six-month shift for its CPU product timing relative to prior expectations. The primary issue is a defect mode in the 7nm process that resulted in yield degradation... [Read more...](#)

**By Tiffany Trader**

---



## **Supercomputer Modeling Tests How COVID-19 Spreads in Grocery Stores**

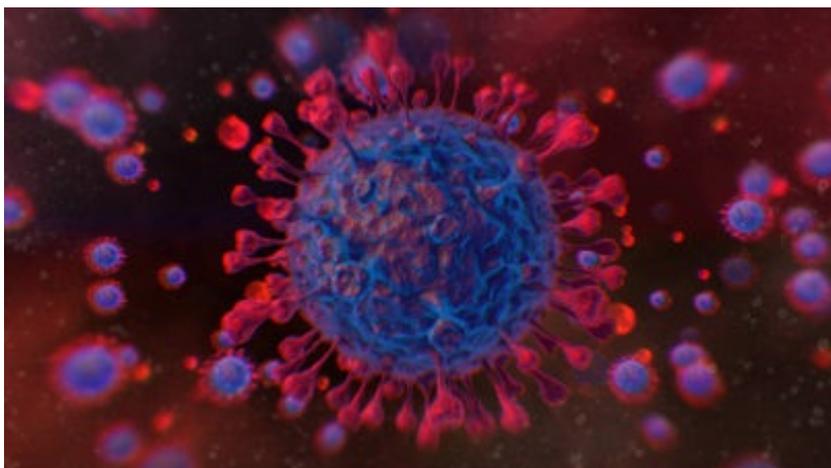
---

April 8, 2020

In the COVID-19 era, many people are treating simple activities like getting gas or groceries with caution as they try to heed social distancing mandates and protect their own health. Still, significant uncertainty surrounds the relative risk of different activities, and conflicting information is prevalent. A team of Finnish researchers set out to address some of these uncertainties by... [Read more...](#)

**By Oliver Peckham**

---



## **Supercomputer-Powered Research Uncovers Signs of 'Bradykinin Storm' That May Explain COVID-19 Symptoms**

---

July 28, 2020

Doctors and medical researchers have struggled to pinpoint – let alone explain – the deluge of symptoms induced by COVID-19 infections in patients, and what [Read more...](#)

**By Oliver Peckham**

---



## **Intel's 7nm Slip Raises Questions About Ponte Vecchio GPU, Aurora Supercomputer**

---

July 30, 2020

During its second-quarter earnings call, Intel announced a one-year delay of its 7nm process technology, which it says it will create an approximate six-month shift for its CPU product timing relative to prior expectations. The primary issue is a defect mode in the 7nm process that resulted in yield degradation... [Read more...](#)

**By Tiffany Trader**

---



## **Nvidia Said to Be Close on Arm Deal**

---

August 3, 2020

GPU leader Nvidia Corp. is in talks to buy U.K. chip designer Arm from parent company Softbank, according to several reports over the weekend. If consummated [Read more...](#)

**By George Leopold**

---



## **Supercomputer Simulations Reveal the Fate of the Neanderthals**

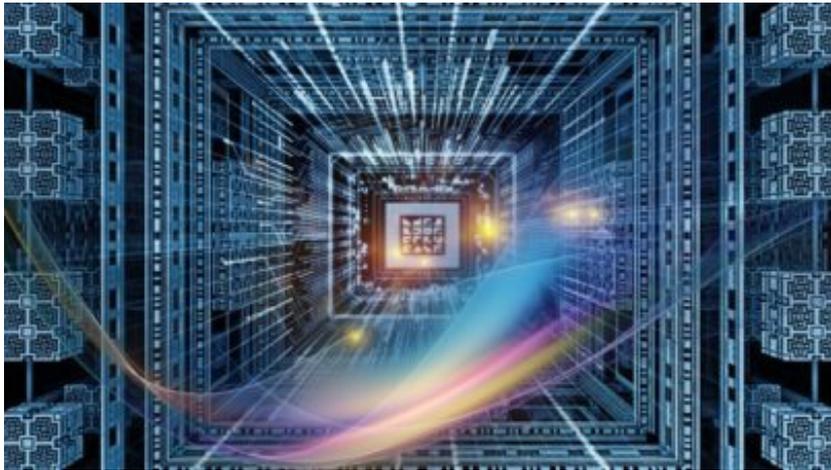
---

May 25, 2020

For hundreds of thousands of years, neanderthals roamed the planet, eventually (almost 50,000 years ago) giving way to homo sapiens, which quickly became the do [Read more...](#)

**By Oliver Peckham**

---



## **10nm, 7nm, 5nm.... Should the Chip Nanometer Metric Be Replaced?**

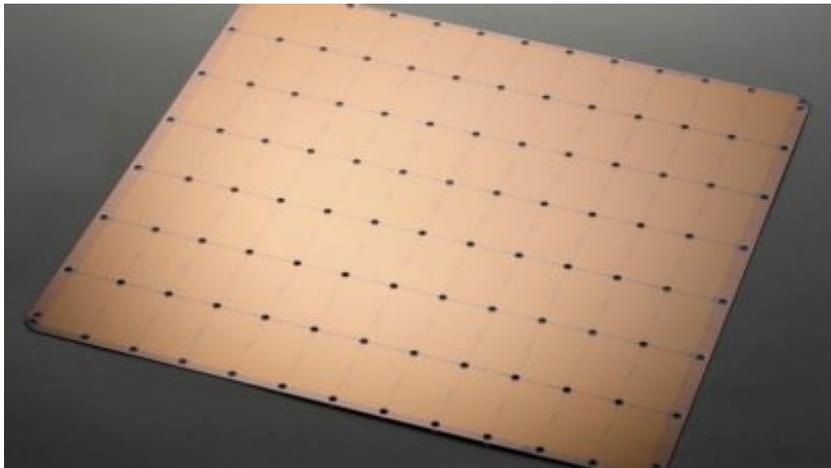
---

June 1, 2020

The biggest cool factor in server chips is the nanometer. AMD beating Intel to a CPU built on a 7nm process node\* – with 5nm and 3nm on the way – has been i [Read more...](#)

**By Doug Black**

---



## **Neocortex Will Be First-of-Its-Kind 800,000-Core AI Supercomputer**

---

June 9, 2020

Pittsburgh Supercomputing Center (PSC - a joint research organization of Carnegie Mellon University and the University of Pittsburgh) has won a \$5 million award [Read](#)

[more...](#)

**By Tiffany Trader**

---



## **HPE Keeps Cray Brand Promise, Reveals HPE Cray Supercomputing Line**

---

August 4, 2020

The HPC community, ever-affectionate toward Cray and its eponymous founder, can breathe a (virtual) sigh of relief. The Cray brand will live on, encompassing th [Read more...](#)

**By Tiffany Trader**

---

### **Leading Solution Providers**

---

AMD

Aspen Systems

ATEMPO

CRAY  
Research-Powered Enterprise Computer

DYNAMIC DENSITY CONTROL

ddn

DELL EMC

Flux7  
an NTT DATA Company

FUJITSU

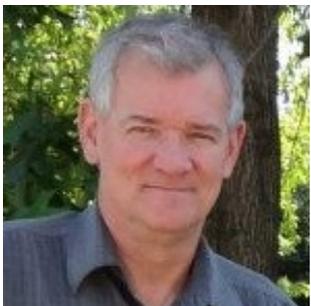


## Contributors

---



Tiffany Trader  
Managing Editor



George Leopold  
Editor



John Russell  
Editor



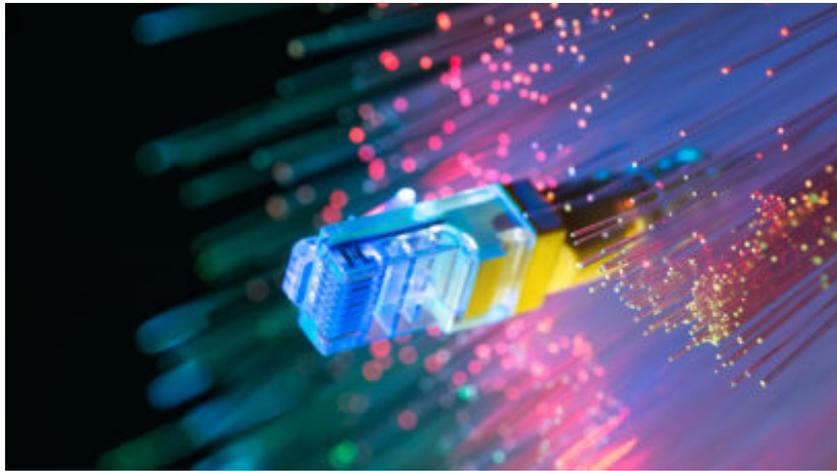
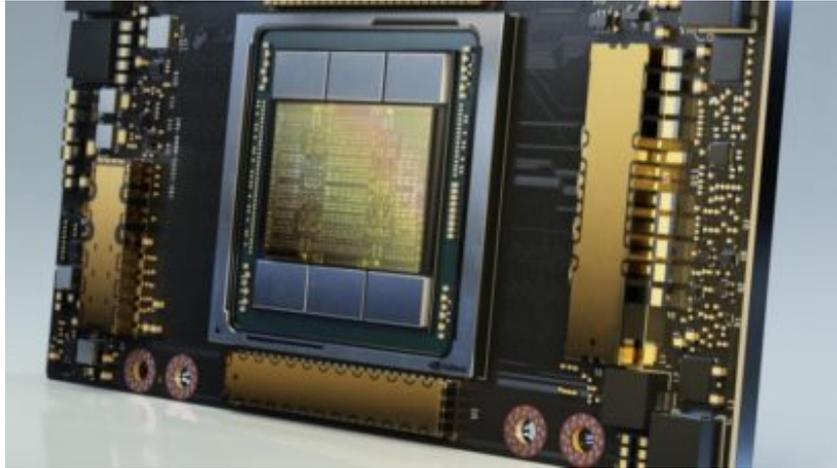
Oliver Peckham  
Staff Writer

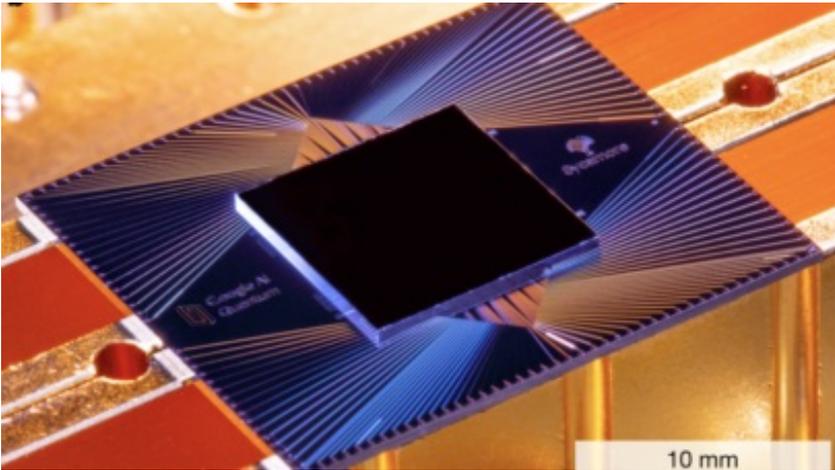
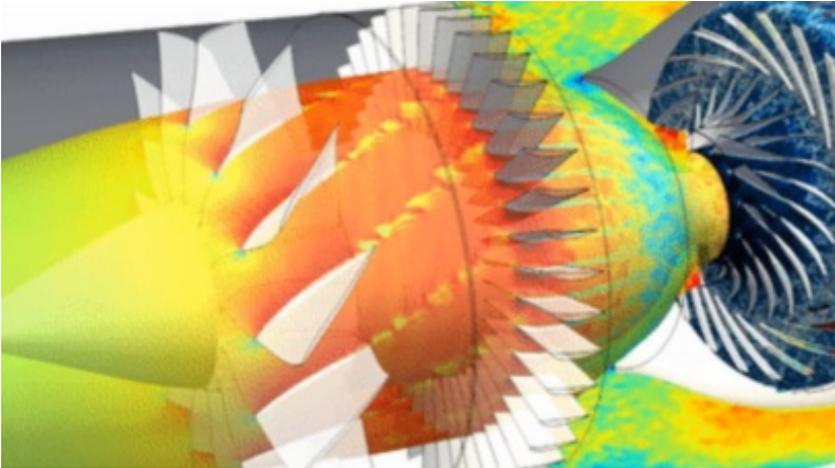


Mariana Iriarte  
Assistant Editor



Addison Snell  
Contributing Editor







© 2020 HPCwire. All Rights Reserved. A Tabor Communications Publication

HPCwire is a registered trademark of Tabor Communications, Inc. Use of this site is governed by our Terms of Use and Privacy Policy.

Reproduction in whole or in part in any form or medium without express written permission of Tabor Communications, Inc. is prohibited.