



RCHC TECH BUZZ

A MONTHLY TECH NEWSLETTER

JULY 2021 • EDITION 1

STORIES IN THIS EDITION

TESLA'S NEW SUPERCOMPUTER TO TRAIN SELF-DRIVING AI
PG1

**MICROSOFT UNVEILED ITS BRAND NEW
OPERATING SYSTEM - WINDOWS 11.**
PG2

JOHN MCAFEE FOUND DEAD IN PRISON CELL
PG3.

**QUALCOMM SNAPDRAGON - THE OLD DRAGON WITH NEW
SCALES?**
PG4

IT'S A TAB, IT'S A LAPTOP, NO IT'S JUST AN IPAD....
PG5

WRITTEN AND EDITED BY TEAM DIGITAL COMMUNICATIONS



TESLA UNVEILS ITS NEW SUPERCOMPUTER TO TRAIN SELF-DRIVING AI

Tesla has unveiled its new supercomputer, which is already the fifth most powerful in the world, and it's going to be the predecessor of Tesla's upcoming new Dojo supercomputer.

It is being used to train the neural nets powering Tesla's Autopilot and upcoming self-driving AI.

CEO Elon Musk has been teasing Tesla's Dojo project, which apparently consists of a supercomputer capable of an exaFLOP, one quintillion floating-point operations per second, or 1,000 petaFLOPS - making it one of the most powerful computers in the world.



WINDOWS 11 IS OFFICIAL

Windows 11 is the all new entry in Microsoft's long running Windows operating system lineup. It is said to provide a calm and creative space where you can pursue your passions through a fresh experience. From a rejuvenated Start menu to new ways to connect to your favorite people, news, games, and content—Windows 11 is the place to think, express, and create in a natural way.

With all new Auto HDR, DirectX 12, and built-in Power toys, Teams and XBOX Game Pass (Sold Separately). Windows 11 will be coming soon to all eligible devices.

To ensure maximum security Windows 11 will be the first Windows OS to enforce TPM 2.0 or Trusted Platform Module 2.0 to make the most secure OS (Time to say goodbye to your old PC cause it most likely won't run the new Windows cause of old TPM)



ANTIVIRUS PIONEER JOHN MCAFEE FOUND DEAD IN SPANISH PRISON

John McAfee, the creator of McAfee antivirus software, was found dead in his jail cell near Barcelona in an apparent suicide Wednesday, hours after a Spanish court approved his extradition to the United States to face tax charges punishable by decades in prison, authorities said.

The eccentric cryptocurrency promoter and tax opponent whose history of legal troubles spanned from Tennessee to Central America to the Caribbean was discovered at the Brians 2 penitentiary in northeastern Spain. Security personnel tried to revive him, but the jail's medical team finally certified his death, a statement from the regional Catalan government said.

"A judicial delegation has arrived to investigate the causes of death," it said, adding that "everything points to death by suicide."



QUALCOMM DOES THE BARE MINIMUM FOR THE NEW SNAPDRAGON 888 PLUS SOC

Qualcomm has announced the mid-cycle update to the Snapdragon 888, the Snapdragon 888 Plus. As usual, this is the exact same chip as the previous version that hit the market in February, just with a faster clock rate. Those looking for a serious—or even noticeable—upgrade will be disappointed. This is the smallest "Plus" upgrade Qualcomm has ever done.

Qualcomm says the Prime CPU core—one of the chip's eight cores—can now hit 3.0 GHz, which is a five percent improvement over the 2.84 GHz of the base chip. After the Prime core (which handles things like foreground processing and main thread duties), the three "medium" and four "small" cores remain unchanged.



APPLE EXPLORING FUTURE IPAD DESIGNS WITH LARGER SCREENS

In the first instalment of Bloomberg's Power On newsletter, Mark Gurman says that Apple is currently considering future iPad designs with larger displays. The current iPad Pro maxes out at 12.9-inches diagonally. Apple is still said to be developing a redesigned iPad chassis with a glass back for 2022, which will ship in the existing 11-inch and 12.9-inch screen sizes.

Gurman speculates that larger screens may further blur the line between Apple's tablet range and its laptop lineup. As productivity on iPadOS increases, so does the demand for more screen real estate to get work done and aid multitasking use cases. Today, Apple's largest mobile computer is the 16-inch MacBook Pro. As for the aforementioned 2022 iPad redesign, Bloomberg previously said that Apple is developing a new iPad (Pro) chassis with a rear glass back. This would bring wireless charging to the iPad for the first time.