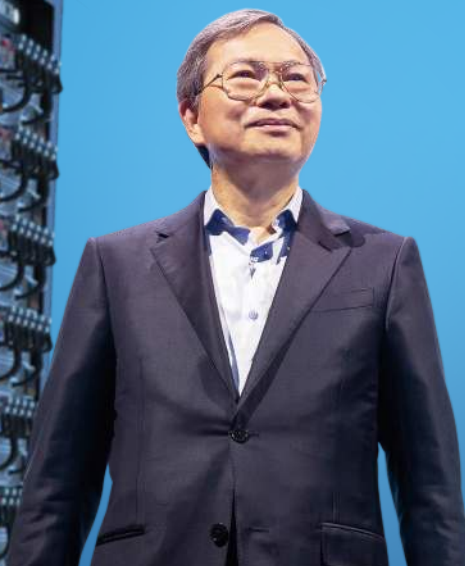


COMPUTEX DAILY

AMD



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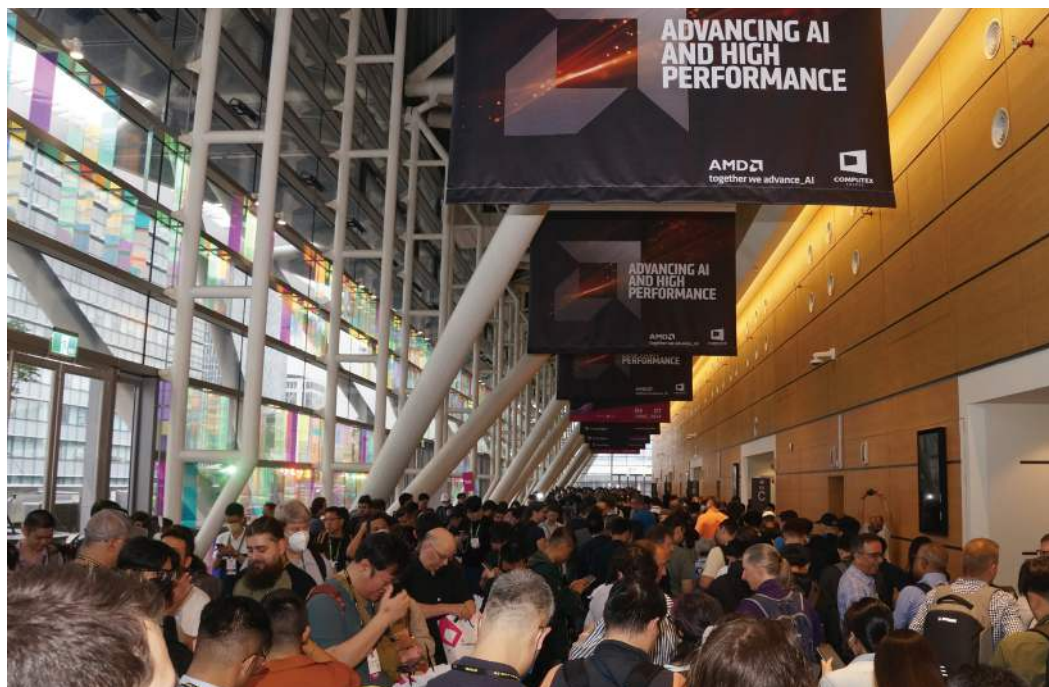


TAITRA Chairman James Huang hosts the COMPUTEX 2024 Global Press Conference.

Connecting People, Connecting AI: Global ICT Industry Gathers for COMPUTEX 2024

COMPUTEX 2024, one of the world's most important events for the technology industry, is running from June 4 to 7 at the Taipei Nangang Exhibition Center, Halls 1 and 2. In anticipation of its opening, COMPUTEX organizers, the Taiwan External Trade Development Council (TAITRA) and Taipei Computer Association (TCA), held a global press conference on June 3 at 9:30 a.m. They announced the impressive number of participants at this year's COMPUTEX, including 1,500 exhibitors occupying 4,500 booths. They expect around 50,000 visitors, including 12,000 CEOs, executives and high-level professionals, as well as 1,000 journalists, reflecting the global significance of this event.

With "Connecting AI" as the overarching theme of COMPUTEX 2024, AI servers, AI PCs and AI applications across industries are the focus. TAITRA Chairman James C.F. Huang and TCA Chairman Paul S.L. Peng both gave remarks during the press conference. Huang commented that AI brings a new era where "every field can be reimagined, turning the impossible into possible. Advanced computing is revolutionizing industries, from healthcare and finance to transportation and security. The impact is profound and far-reaching."

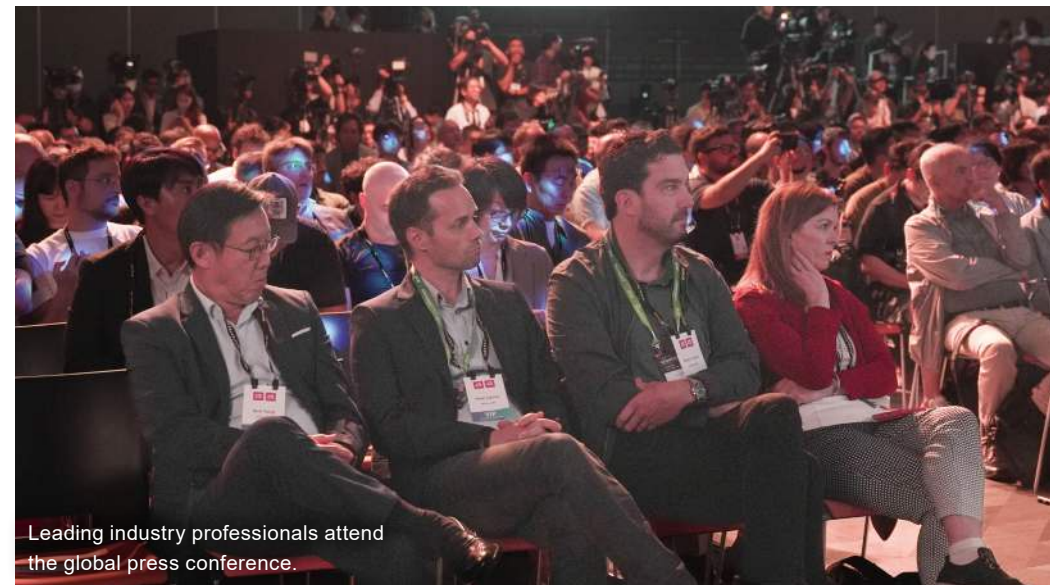


Visitors congregate outside COMPUTEX.

Taiwan Continues to Lead the Technology Industry

Both chairmen spoke on Taiwan's indispensable role in the global technology industry. "Here in Taiwan, we are at the epicenter of the global computing renaissance. We play crucial role in the global technology ecosystem, from the most advanced chipmaking to hardware

and software services," said Huang. Peng later stated, "Taiwan's ICT industry has a proven track record of over 40 years of R&D experience and professional reputation. International buyers today agree that we are among the most efficient, reliable, and trustworthy partner, as well as the best choice for building GenAI solutions globally."



Leading industry professionals attend the global press conference.



TAITRA Chairman James Huang

COMPUTEX Keynotes and Forum Focus on AI Development and Applications

Beyond the exhibition booths, COMPUTEX 2024 includes a series of keynote presentations covering the exhibition's six main themes: AI computing, advanced connectivity, future mobility, immersive reality, sustainability and innovations. Dr. Lisa Su, the Chair and CEO of AMD, gave the opening keynote directly after the press conference, sharing how AMD hardware is expanding the capabilities and applications of AI technology. Other keynote speakers include Qualcomm President and CEO Cristiano Amon, Intel CEO Pat Gelsinger, MediaTek Vice Chairman and CEO Dr. Rick Tsai, Supermicro President and CEO Charles Liang, NXP Semiconductors EVP and CTO Lars Reger, and Dr. Tzi-cker Chiueh, General Director of the Delta Research Center.

Aligning with the overarching theme, this year's COMPUTEX Forum is called "Let's Talk Generative AI." During the forum on June 5, industry leaders including NVIDIA, Google, Synopsus and AWD will discuss AI applications. They will be joined by major manufacturers such as Micron, Arm, Seagate, Ampere and Phison to share how hardware innovations support AI technology and drive industry development.

The Frontier of Technological Innovation: InnoVEX 2024

Huang and Peng also introduced InnoVEX 2024, the area of COMPUTEX devoted to start-ups and innovative technologies. Peng described InnoVEX as "the innovation hub of Asia," and Huang said it is "one of the best places to meet visionary entrepreneurs and discover game changing solutions."

InnoVEX 2024 brings together a record number of 400 start-ups from more than 30 different countries. These startups can directly interact with business owners and representatives attending the show, maximizing opportunities to meet potential clients. They are presenting innovative products and solutions that cover four main themes: AI, green technology, smart mobility and semiconductor applications. There are also seven national pavilions this year: Belgium (Flanders), Brazil, France, Australia (New South Wales), Japan, Indonesia and India.

The global accelerator Garage+ selected 36 technological start-ups from the four major fields of AI & Data, Digital Solution, Energy & Healthcare and IoT & Manufacturing out of 294 applications from 47 countries to participate. Furthermore, the Small and Medium Enterprise

and Startup Administration is featuring a themed pavilion, "Technology Empowers Green Ecology, Innovation Leads Sustainable Development." This pavilion invites outstanding domestic and international start-ups that focus on the intersection of advanced technology and sustainable development.

Pursuing ESG Goals and Upholding Social Responsibility

TAITRA and TCA are committed to making COMPUTEX a green exhibition, responding the industry's global efforts to reduce carbon emissions and realize net zero goals. In addition to continuing last year's ESG GO! booth signage and Earth Mission app, this year includes the first Sustainable Design Award. This award encourages exhibitors to design sustainable booths centered around the concept of "reduce, reuse, recycle."

Every year, COMPUTEX connects key global technology players, innovative start-ups and professional buyers, pushing the ICT industry forward. Peng described this year's exhibition as "the world's most important procurement platform for ICT products and digital transformation solutions." At COMPUTEX, professionals from around the world gather to share the latest technology advancements that are transforming people's personal and professional lives. As Huang said, "COMPUTEX is more than just a trade show; it is the heartbeat of computing."



An "ESG Go!" sign, recognizing the company's sustainable practices.

For more information please visit our website

Official Website



Show Publications



COMPUTEX Keynote

Venue: Room 701, 7F, Taipei Nangang Exhibition Center, Hall 2 (TaiNEX 2)

Date	Time	Topic	Speaker
JUNE 3 (MON.)	09:30 - 11:00	Global Press Conference and AMD Opening Keynote Room 701CDGH	Dr. Lisa Su Chairman and CEO Advanced Micro Devices, Inc. 
	13:30 - 14:30	Qualcomm Keynote Room 701ABEF	Cristiano Amon President & Chief Executive Officer Qualcomm Technologies, Inc. 
JUNE 4 (TUE.)	11:00 - 12:00	Intel Keynote Room 701CDGH	Pat Gelsinger CEO Intel Corporation 
	13:30 - 14:30	MediaTek Keynote Intelligence Everywhere: The Power of Ubiquitous AI Room 701ABEF	Dr. Rick Tsai Vice Chairman and CEO MediaTek Inc. 
JUNE 5 (WED.)	09:30 - 10:30	Supermicro Keynote Room 701CDGH	Charles Liang President and CEO Super Micro Computer, Inc. 
	13:30 - 14:30	NXP Keynote Shaping a World that Anticipates and Automates Room 701CDGH	Lars Reger EVP and CTO NXP Semiconductors 
JUNE 6 (THU.)	11:00 - 12:00	Delta Keynote How AI Revolutionizes Automation Applications Room 701ABEF	Dr. Tzi-cker Chiueh General Director, Delta Research Center Delta Electronics, Inc. 



Dr. Lisa Su, AMD Chair and CEO

AMD's High-Performance Processors Power Improved AI Capabilities

Kicking off COMPUTEX 2024, the CEO and Chair of AMD Dr. Lisa Su delivered the opening keynote on June 3. With a session titled "the Future of High-Performance Computing in the AI Era," Su launched right into the main theme of this year's COMPUTEX: "Connecting AI." Her keynote explored how AMD works with partners to continuously improve high-performance computing power and AI capabilities, from data centers and the edge to personal devices.

Before diving into AMD's latest products, Su acknowledged the invaluable role COMPUTEX plays in connecting the industry every year. "This year is even more special," she said, "With the rapid innovation around AI and all the new technology everywhere, it is the biggest and most important COMPUTEX ever."

Su introduced AMD's latest processors, including NPUs, CPUs and GPUs, that offer advanced computing power to support improved AI capabilities. Starting with gaming PCs, she first announced the Ryzen 9000 series. This will be available in July 2024 and is the world's fastest consumer PC processor.

She then introduced the third generation Ryzen AI 300 series processors, also available in



Su and Lores present the new HP OmniBook, which integrates the AMD Ryzen AI 300 series.

July, which lead the development of AI PCs. The Corporate Vice President of Microsoft Windows and Devices, Pavan Davuluri, joined Su to discuss Microsoft's Copilot+ PCs, which use AMD's processors to offer AI applications.

The Ryzen AI 300 series processors allow AMD's partners including HP, Lenovo and ASUS to build more efficient and high performing AI PCs. Enrique Lores, the President and CEO of HP, Luca Rossi, the President of Lenovo's Intelligent Devices Group, and Jonney Shih, the Chairman of ASUS, all joined Su to introduce their latest laptops that are powered by Ryzen AI processors. "The third gen Ryzen AI processor is the catalyst to bring personalized computing

to everyone, from content creators to gamers and business professionals," Shih said.

Next, Su introduced the Versal AI Edge generation two processor. This is leading AI commuting at the edge, with applications across fields including healthcare, automotive and industrial.

Moving on to data centers, the fifth generation AMD EPYC, available in the second half of 2024, is anticipated to be the best data center AI CPU. The AMD Instinct MI300X is a data center GPU that Su described as "the fastest ramping product AMD history." Its successor, the MI325X, will be available in the fourth quarter of 2024. Christian Laforge, Co-CEO and CTO of Stability AI, and Satya Nadella, the Chairman and CEO of Microsoft, joined Su to discuss the applications of these processors.

The sheer number of guests that joined Su during her keynote show the value of AMD's technology. "AMD is the only company that can deliver the full set of GPU, CPU and networking solutions," she said. AMD's processors support the integration of AI technologies across the board. And they are becoming more and more powerful.



Pavan Davuluri, Microsoft VP Windows and Devices, and Cristiano Amon, Qualcomm CEO, discuss the trailblazing partnership between their companies at COMPUTEX 2024

Meet the turbocharged processor powering the new generation of AI laptops

Cristiano Amon, President and CEO of Qualcomm, delivered a COMPUTEX Keynote speech at the Taipei Nangang Exhibition Center on Monday afternoon that detailed how the company's flagship Snapdragon X Elite processor is reestablishing Windows as the leading personal computer ecosystem and bringing generative AI to consumers' fingertips by powering a range of new Microsoft Copilot+ laptops.



Qualcomm's Snapdragon X Elite processor has reestablished Windows as the leading platform for performance and innovation, says Amon

Snapdragon X Elite has been purpose-built for the new generation of AI laptops, and is optimized to handle their highly intensive workloads. This means that Copilot+ laptops can reap all the benefits of running AI locally, including lower latency, increased responsiveness, greater personalization and reliability, and enhanced privacy.

At 45 trillion operations per second (TOPS), Snapdragon X Elite is now the world's fastest NPU available for laptops. That lightning-fast speed also makes it the most power efficient, too, delivering 2.3 times as much performance per watt as the MacBook Pro's M3 chip, and 4.3 times as much as the Intel Core Ultra 7.

The synergy between Snapdragon X Elite and Microsoft's Copilot+ certification "really establishes overall industry leadership in personal

computing," Amon said, and restores Windows as the home platform where innovation and new AI capabilities are happening.

As many as 22 Copilot+ laptops are already available from manufacturers including Acer, ASUS, Samsung, HP, Dell, Lenovo and Microsoft.

Generative AI is at the center of these devices, and will be the key factor changing how we interact with personal computers, eventually becoming indispensable for both personal and business applications. With this powerful technology built directly into the machine, "unlike in the past, your Windows PC will get better over time," Amon said.

Amon invited Pavan Davuluri, Corporate Vice President of Windows and Devices at Microsoft, to the stage to discuss how their collaboration with Qualcomm is revolutionizing personal computing. "We rebuilt Windows 11 from the inside out to take full advantage of the power and efficiency of Snapdragon X processors," Davuluri said, allowing for innovative new features such as its Recall semantic search function and AI-assisted image generation. "These are the fastest, highest performing, most intelligent PCs we've ever built."

Amon also unveiled the Qualcomm AI Hub, a library of more than 100 pre-optimized AI models that enables developers to quickly create new applications drawing on the power of AI, as well as the Snapdragon Developer Kit for Windows, which will launch on June 18th and is available for pre-order now.

As for gaming, more than 1,200 titles have been tested and optimized using Snapdragon X Elite, Amon said, and Qualcomm is working with leading studios including Activision, Blizzard Entertainment, Epic Games, Remedy Entertainment, Ubisoft, EA Games, and Roblox to maximize the user experience of their games.



COMPUTEX Forum

Let's Talk Generative AI

JUNE 5 09:30-16:30
TaiNEX 2 ROOM 701ABEF, 7F

AGENDA

Morning session Applying Generative AI

09:30-10:00 Registration

NVIDIA 10:00-10:30 **Infra Build Train Go**
Marc Hamilton | VP of Solutions Architecture and Engineering

Google 10:30-11:00 **AI for Everyone**
John Solomon | VP&GM, ChromeOS

SYNOPSYS 11:00-11:30 **Unleashing the power of Generative AI for Chip Design**
Thomas Andersen | VP, AI and Machine Learning

aws 11:30-12:00 **Generative AI for Digital Innovation**
Xia Zhang | Enterprise Strategist

Afternoon session Behind Generative AI

Micron 14:00-14:30 **AI Unleashed: Powering the Future with Micron Memory and Storage**
Praveen Vaidyanathan | VP & GM, Compute Products Group

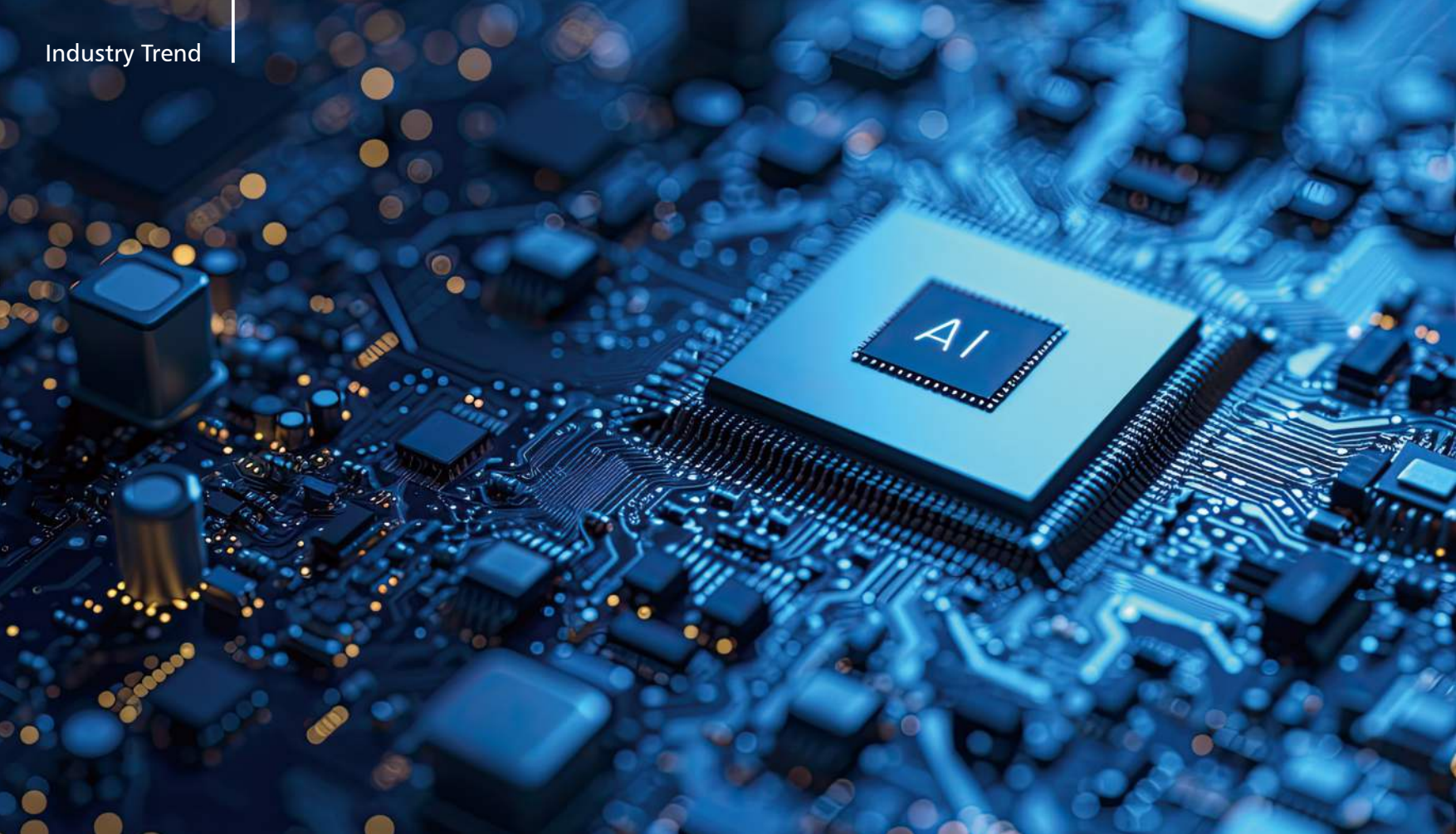
arm 14:30-15:00 **Building Sustainable, AI-Ready Cloud Data Centers with Arm Neoverse**
Eddie Ramirez | VP of Marketing, Infrastructure Line of Business

SEAGATE 15:00-15:30 **AI Storage: Where the Future Is Read and Written**
Rosalina Hiu | Global VP of Brand Strategy

AMPERE 15:30-16:00 **Maximizing AI Workloads with Cloud Native Processors**
Jeff Wittich | Chief Product Officer

PHISON 16:00-16:30 **The Challenges and Opportunities in the Implementation of Generative AI Applications**
K.S. Pua | CEO





In 2024, AI is igniting a revolution in the information marketplace

From the cloud to the ground, AI is powering a new era of personal computing

According to estimates by TrendForce, up to 1.6 million AI servers (including GPUs, FPGAs and ASICs) will be shipped in 2024, representing a 40.2% increase from 2023 and accounting for more than 12% of all servers shipped this year. As the development of AI chips continues, the industry's focus remains upon competition between NVIDIA's B100, AMD's MI300, and Intel's Gaudi chip series.

Beyond chips, the integration of AI with PCs and mobile devices is set to be the primary engine driving the tech sector forward throughout 2024. Intel's Core Ultra series and AMD's Ryzen 8000G series are expected to make a notable impact in the market for CPUs used in AI PCs. Qualcomm's Snapdragon X Elite has also garnered significant attention as it could potentially alter the competitive landscape very soon.

As for software, Microsoft has officially announced partnerships with AMD, Intel, Qualcomm, and its six major OEM partners Asus, Acer, Dell, HP, Samsung and Lenovo

to produce Copilot+ PCs. The Copilot+ standard demands a computing power of at least 40 TOPS (trillion operations per second), and at least 45 TOPS while offline, driven by an AI processor combining a CPU, GPU and NPU coupled with at least 16GB of memory and 256GB of storage. AI laptops including Microsoft's Surface Pro 10, Acer's Swift 14 AI and Asus's Vivobook S 15 all meet the new standard.



ASUS Vivobook S 15



Acer's Swift 14 AI Notebook

As AI transitions from cloud computing to on-premise computing, 2024 is set to be the "Year of the AI PC". Personal computers will continue to be optimized through AI, and barriers to using services such as ChatGPT through the Internet are expected to be broken. AI-based apps on PCs could one day be run offline. Such a capability is also one of the most anticipated features among PC users this year.

From VR to spatial computing, headsets are expanding their applications

With the releases of many new products ranging from chips and peripherals to complete systems, many of which were showcased at this year's CES and MWC, there is strong bullish sentiment regarding the development of the VR industry. The strategies of major manufacturers for VR and AR devices also demonstrate intense efforts to explore new use cases beyond existing

From VR to spatial computing, headsets are expanding their applications.

applications, or to expand into other commercial sectors such as remote assistance, virtual learning and simulation training. Many companies are already implementing VR and AR in psychological therapy and physical rehabilitation programs.

In 2023, according to TrendForce's analysis, Meta's Quest series dominated the global VR and MR device market, securing nearly 70% of total device shipments. This significant market share places Meta at the forefront, with Sony's PS VR series ranking second, followed by other manufacturers like PICO and HTC. Entering the fray in 2024, Apple introduced its Vision Pro, which is expected to claim a 6% share of the global market. Meta's latest Quest 3 utilizes a set of pancake lenses to improve clarity while reducing the thickness of the device, and comes equipped with Qualcomm's Snapdragon XR2 Gen 2 chip, which is specially designed for headsets and optimizes GPU and AI computing.

Beyond hardware, the focus on creating more content and valuable applications will be a major topic in the next phase of the VR industry's development, with generative AI poised to play a pivotal role. Taking gaming as an example, VR game development is known to be exceedingly time-consuming, requiring developers to dedicate substantial amounts of time to coding. As a result, the games often lack diversity, customization, and meaningful game mechanics. However, leveraging generative AI can expedite the game development process without sacrificing quality or increasing costs. Recent market analyses suggest that the adoption of generative AI could significantly reduce the time required to create XR learning modules from the 5-10 days typically seen in 2021 to less than 30 minutes today. The major game engine developer Unity Technologies has pursued these opportunities by assembling a series of generative AI development solutions

specifically for VR game production, which can be used to generate characters, objects, assets, sound effects, and so on, and thereby reduce development costs.

Wi-Fi 7 is strengthening data synchronization and transmission efficiency

The market outlook for Wi-Fi 7 is bright as this new standard brings significant improvements in terms of transmission speed and latency reduction. Apart from being 4.8 times faster than Wi-Fi 6/6E, Wi-Fi 7 has important new features such as multi-link operation (MLO) and multi-resource units that meet AI's heavy performance demands with respect to high transmission speed, low latency and high reliability.

Market leader Broadcom sought to outdistance its competitors by launching its second-generation Wi-Fi solutions in June

2023, with Wi-Fi 7 APs including the BCM6765 for residential networking equipment and the BCM47722 for commercial networking equipment. Qualcomm launched the FastConnect 7800, the world's first Wi-Fi 7 chip, in February 2022, and unveiled its second-generation Wi-Fi 7 chip, the FastConnect 7900, on February 26th of this year. Designed for smartphones, the FastConnect 7900 is the industry's first solution with a built-in AI engine and is scheduled to hit the market in the second half of this year. Meanwhile, Intel has introduced the BE200, a Wi-Fi 7 module designed for integration with the motherboard of a desktop or laptop PC. Wireless networking cards with the BE200 are now available for purchase. Moreover, various kinds of products and components containing Realtek's Wi-Fi chips have been released into the market as well.

Shipments of related end products, including Acer laptops, RichWave's RF ICs, VPEC's power amplifiers, and networking equipment from WNC, Sercomm and Senao Networks, have also been gradually ramping up. All in all, with a plethora of new products hitting the market, 2024 can be regarded as the inaugural year for Wi-Fi 7.

With the Wi-Fi Alliance releasing Wi-Fi CERTIFIED 7, MediaTek has established a coalition for the creation of a related testing and certification platform. Specifically, MediaTek is assisting its partners such as ASUS, BUFFALO, Lumen and others in launching various kinds of devices that support the Wi-Fi 7 standard.



Realtek RTL8934AR Wi-Fi 7 Chip

COMPUTEX 2024: Connecting Artificial Intelligence and Co-building the Future

COMPUTEX 2024, one of the top three international expos in the information technology (IT) industry, officially opened today at the Nangang Exhibition Center in Taipei, Taiwan.

The four-day show organized under the theme “Connecting Artificial Intelligence and Co-building the Future” is expected to draw over 50,000 tech and tech-adjacent industry visitors from around the world.

The main show features state-of-the-art technologies, techniques, and trends, while over at InnoVEX—the annual showcase of technological entrepreneurship—there is a record-high number of global startups this year. These startups can directly interact with business owners and representatives attending the show, maximizing opportunities to meet potential clients.

COMPUTEX Keynotes to Focus on AI and Future Tech Applications

AI PCs are the buzzword in the tech industry this year. As the foremost expo in the field, COMPUTEX 2024 is showcasing the most advanced AI technologies available, as well as demonstrating how they can introduce untold convenience into people’s lives.

AMD CEO Lisa Su, Intel CEO Pat Gelsinger, and Qualcomm President and CEO Cristiano Amon will give talks on products, services, and industries using AI processors. Supermicro President and CEO Charles Liang, MediaTek Vice Chairman and CEO Dr. Rick Tsai, Delta General Director Dr. Tzi-cker Chiueh, and NXP CTO Lars Reger will share how AI systems can deliver more personalized and intuitive computing



More than 50,000 guests pre-registered to attend COMPUTEX 2024.

experiences, change lives, and create depth in different industries.

Ahead of the opening of COMPUTEX on June 2, NVIDIA founder and CEO Jensen Huang delivered a keynote address at the National Taiwan University Sports Center outlining future developments for the AI ecosystem. ARM CEO Rene Haas also delivered a keynote titled “Accelerating AI Innovation from Cloud to Edge” on June 3 at the Grand Hlai Hotel in Nangang, kicking off a series of special events for ARM.

The many exciting events offered through the partnership between NVIDIA, ARM, and COMPUTEX are sure to make COMPUTEX 2024 the year’s flagship event for the tech industry.

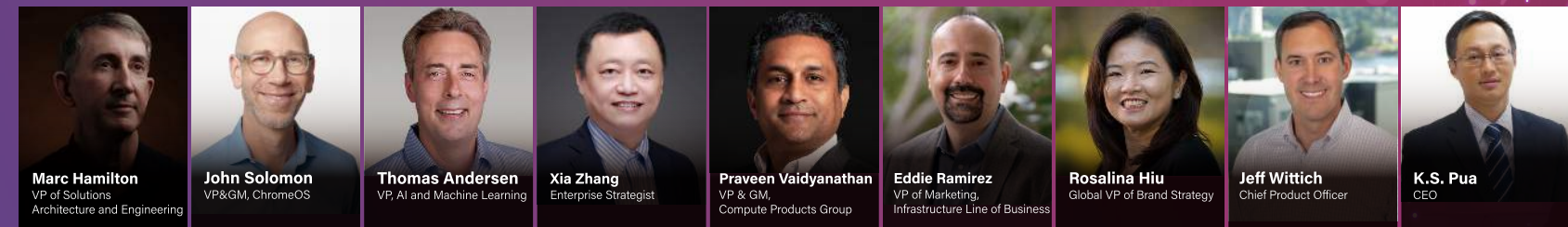
COMPUTEX Forum: In-depth Analysis of AI Applications and Innovative Hardware in the Generative AI Race

The COMPUTEX Forum’s central theme for this

year, “Let’s Talk Generative AI,” outlines how industries worldwide are rushing to embrace AI computing. The forum on June 5 will cover how the global supply chain is applying generative AI to businesses and what steps these companies have taken to integrate new technologies with existing systems, such as developing critical hardware and software support.

Toward that end, COMPUTEX 2024 has invited tech giants from around the world to lend their insights, giving in-depth analyses of critical development trends for AI, hardware and software changes, and the industry ecosystem.

NVIDIA, Google, Synopsys, and Amazon Web Services will discuss AI chips, Cloud services, smart vision systems, spatial computation, and deepfake technologies, and how such concepts have revolutionized the industry. They will also introduce listeners to the innovative opportunities and commercial potential of generative AI technology in 2024 and beyond.



The COMPUTEX Forum invites global tech giants to provide in-depth analysis of key technological trends in AI development.

Micron, ARM, Seagate, Ampere, and Phison will present forum topics in the afternoon, addressing how generative AI’s massive demand for computational power could be satisfied. These companies will explore how front-end computational power and back-end memory and processor units can be integrated into whole solutions, contributing to generative AI development for industry and consumers.

The COMPUTEX Forum will help industry players to better understand and grasp critical moments when navigating the transition to AI for a better and brighter future.

Six Major Themes on Connecting AI and Co-building the Future

The short succession in which AMD and Intel announced their separate AI processors and Microsoft announced its Copilot+ PC system indicates that the AI PC race is starting, if not already in full swing.

Conscious of these and other rapid developments, COMPUTEX 2024 is featuring six main themes: AI computing, advanced connectivity, future mobility, immersive reality, sustainability, and innovation.

Of note is the Intel Core Ultra AI processor with built-in neural processing unit that promises revolutionary change for PCs. It is being featured alongside ASUS’ Next Unit of Compute (NUC) 14 Pro at the expo’s “AI Computing & System Integration” area, which also includes Supermicro’s AI servers for computation and storage solutions, along with AI PC offerings from Acer and MSI.



The Taipei 101 skyscraper is lit up with the words “COMPUTEX” and “Connecting AI” in preparation for the official opening of COMPUTEX 2024.

Over at InnoVEX, there is a record number of participating countries showcasing their innovative startups this year—400 teams from over 30 countries. The startups featured this year cover four major themes: AI, green technology, smart mobility, and semiconductor applications.

Seven nations—Belgium (Flanders), Brazil, France, Australia (New South Wales), Japan, Indonesia, and India—are participating with national pavilions, with hopes that global ICT talent can collaborate with their local peers to realize technological breakthroughs.

ESG GO! Leads Renewable Transition and Sustainable Development

Efforts to realize net zero and reduce carbon emissions are the global industrial consensus, and COMPUTEX 2024’s ESG GO! hopes to further highlight this necessity.

This year’s event is to feature the first Sustainable Design Award, as well as continue last year’s highly touted ESG GO booth signage and Earth Mission app to engender a greener exhibition.

Cross-industry Collaboration Broadens Appeal of the COMPUTEX brand

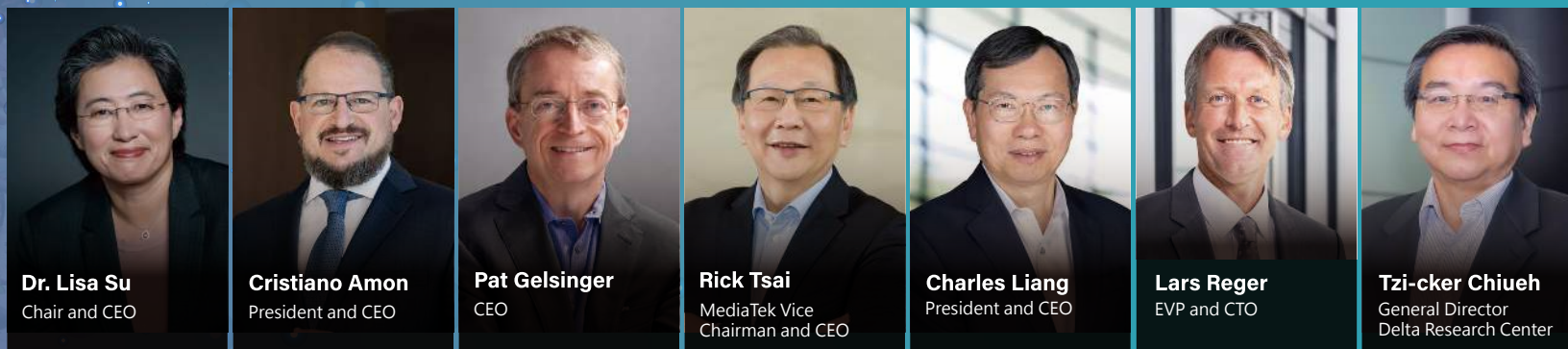
COMPUTEX has established a stunning reputation over the years. Business owners



from industries worldwide—both returning and new—are keen to attend such a prestigious event, and COMPUTEX 2024 is likewise glad to receive them.

Collaborating with Taipei 101, the event’s logo and this year’s themes of “Connecting AI” and “Connecting AI to Co-build the Future” were displayed on the skyscraper starting at 6:30pm on June 2 to welcome expo attendees.

COMPUTEX has also opened a pop-up store providing memorabilia and other souvenirs for visitors to remember the event.



This year’s COMPUTEX Keynote speaker lineup is the best in the event’s history, welcoming CEOs of the world’s foremost tech companies to Taipei to discuss the future of AI.



SunnyHills set up a rest area at COMPUTEX, providing visitors with snacks and a place to sit.



Demonstrating AI Innovations and Sustainable Future Technologies at InnoVEX 2024

InnoVEX, the innovation and startup exhibition area of COMPUTEX, is showcasing the world's most advanced technologies from June 4 to 7 on the 4th floor of TaiNEX 2. This year, more than 400 startups from over 30 countries are presenting under four major themes: artificial intelligence, green technology, smart mobility, and semiconductor applications. InnoVEX is designed to stimulate investment opportunities presented by startups to potential business associates, delivering the future of the technology industry.

This year's international pavilions are presenting impressive business opportunities led by seven global startup teams from Belgium

(Flanders), Brazil, France, Australia (New South Wales), Japan, Indonesia, and India. These pavilions provide interested parties a gateway to the most advanced technological innovations in the world.

The French pavilion at InnoVEX is focusing on green technology and AI, introducing nine niche and successful startups that offer advanced green technologies and innovative solutions. Over at the Flanders/Belgium pavilion, QustomDot is presenting its solvent-free quantum dot inkjet technology, which has limited toxicity exposure and uses additive manufacturing to contribute to the net-zero transition in the display industry.



French Pavilion

Major accelerators such as Garage+, StarFab, National Yang-Ming Chiao Tung University, and the National Taiwan University Systems Research and Industry Platform are showcasing new technologies in the fields of AI and data, digital solutions, energy and healthcare, and IoT and manufacturing. Garage+ has gathered 294 startups and business opportunities from 47 countries to demonstrate Taiwan's advancements in green energy and AI solutions in an unmissable investment opportunity for global investors.

The European Bank for Reconstruction and Development (EBRD) is presenting cutting-edge business services at Demo Day on June 4 from 2:30pm to 3:30pm. The event is to introduce the transformative potential of innovative ventures across industries, featuring 10 promising startups from the EBRD's Star Venture program that promise groundbreaking solutions in areas such as AI-driven agriculture, digital payment security, and e-commerce optimization.

The InnoVEX Forum will provide attendees with a deeper dive into industry trends. Experts from major tech companies including Amazon Web Services, Intel, NVIDIA, and MediaTek will speak on themes ranging from semiconductors and AI to smart mobility and green technology, giving advice to startups on how to connect with potential partners.

Shaping the Next Era: Garage+ Spotlights 34 Disruptive Startups



"We were excited to showcase these exceptional startups at COMPUTEX 2024," said May Yang, director of Garage+. "Their innovative technologies and solutions have the potential to drive significant advancements across various industries. Even before the opening of COMPUTEX, more than 150 one-to-one meetings were requested from leading Taiwanese companies, including Wistron Group, Delta Electronics, Quanta Computer, Pegatron, CDIB Capital, Taipei Fubon Bank Capital, and Cathay Venture." The exhibition offered a platform not only to explore the latest technological advancements, but also to create new business opportunities.

Garage+, a leading incubator and accelerator for tech startups, was thrilled to highlight a selection of 34 innovative startups to showcase their groundbreaking technologies at COMPUTEX 2024. From a pool of 294 applicants spanning

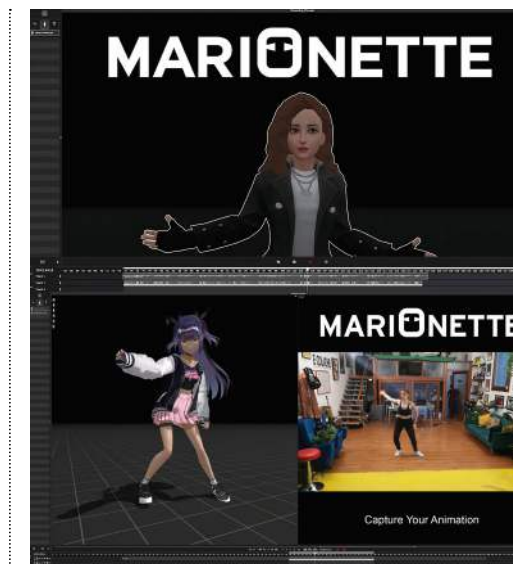
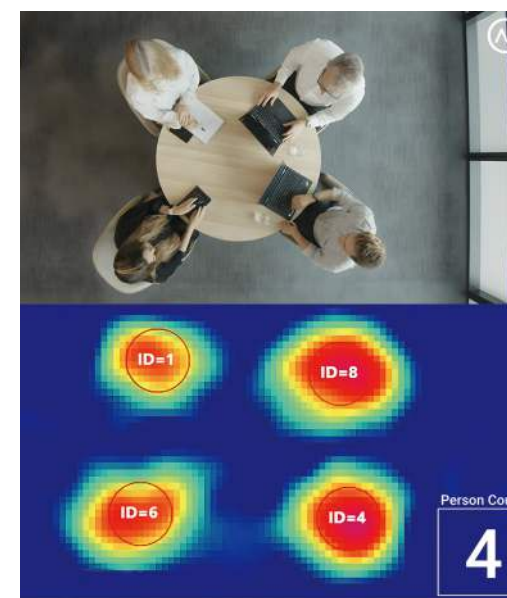
47 nations, these startups were chosen for their exceptional contributions to the fields of AI & Data, Digital Solutions, Energy & Healthcare, and IoT & Manufacturing.

GARAGE+
 ▶ www.garageplus.asia
 ▶ **S0514** | TaiNEX 2

Innovative Startup Spotlight:

• Smart Thermal Sensing for Mass-market Applications

Calumino has developed the world's first thermal sensor for mass-market applications. Its proprietary sensor module and AI generate unprecedented data for dozens of industries. From occupancy and people-counting, to critical asset monitoring and hotspot detection—get the data you need without invading people's privacy.



• Capture Your Animation

Marionette speeds up 3D animation workflows by empowering creators to record and edit motion capture anywhere! Record motion with a mobile phone and edit directly with Marionette's desktop software, no cloud upload required. AI extracts, cleans, and retargets motion from recorded videos. Then, edit with pose-to-pose controls before exporting or streaming to control rigs in pipelines such as Maya, Blender, and Unreal.

• Enjoy Amazing Japan

WAmazing is an online travel agent startup for overseas tourists to Japan, providing online booking for services such as accommodation, activities, transportation, and shopping.



For more information about these startups and their offerings, please visit https://garageplus.asia/2024_mustsee/.

Garage+ is a zero-equity incubator and accelerator that provides startups with resources, connections, and support to accelerate their growth and success. Located in the heart of Taipei, Taiwan, Garage+ offers a vibrant ecosystem for tech startups to thrive and innovate.



50th

TAITRONICS
Taipei International Electronics Show

AIoT Taiwan
Taiwan International AIoT Show

2024
OCT. 23-25
TaiNEX 1

AInnovation Now

Organizers:  Bureau of Foreign Trade, MOEA  Taiwan External Trade Development Council



Lexar Showcases Series New Products Offerings at COMPUTEX 2024 Exhibition



DDR5 ARES RGB

This memory reaches speeds of up to 7,600MT/s and 8,000MT/s. Another notable feature is the new and upgraded exterior design. The ARES RGB DDR5 memory is also compatible with the latest Intel XMP 3.0 standard and features Lexar RGB Sync.

The Lexar SL400 Portable SSD is designed for smartphone content creators. Compact and solid, it delivers up to 1,050MB/s maximum read and 1,000MB/s write speeds. It is designed to meet an IP65 rating and withstand one-meter drop resistance for durability.

Lexar, the world-renowned brand of flash memory solutions, participates and unveils new lineup of products, including internal SSDs, DRAM, Portable SSDs and other products, at the 2024 COMPUTEX.



PLAY2280

As for memory cards, the Lexar PLAY PRO microSDXC™ Express Card is available from 128GB to 1TB. It delivers read speeds up to 900MB/s and write speeds up to 600MB/s when used with an SD Express Host.

Four new internal SSDs are featured at the show. Lexar Professional NM1090 M.2 2280 PCIe Gen5x4 NVMe SSD is available in capacities ranging from 1TB to 4TB, delivering unparalleled performance of up to 12,000MB/s sequential read and 11,000MB/s sequential write. It is perfect for hardcore gamers who need to run heavy workloads with minimal CPU utilization. It features an included Active Fan Heatsink with RGB lighting to ensure smooth operation and maintain low temperatures.

The Play 2280 PCIe4.0 SSD with Heatsink is tailored designed according to the official PS5 recommended configuration, further enhancing the gaming experience. It delivers exceptional performance of up to 7400MB/s read and 6500MB/s write. It is available in capacities up to 8TB, which is the largest capacity in this segment.

The Professional DIAMOND CFexpress 4.0 Type B Card offers a max read speed of 3700MB/s, a max write speed of 3400MB/s. VPG400 rated and it supports 8K RAW 60FPS video recording

Lexar's new rugged ARMOR Series brings durability to the forefront. The ARMOR GOLD SD UHS-II V60 Card offers maximum read and write speeds of 280MB/s and 210MB/s, respectively, while carrying an IP68 rating for water and dust protection.

Beside, Lexar also launches two more next-generation PCIe Gen5 SSDs: The Lexar Professional NM990 M.2 2280 PCIe Gen5x4 NVMe SSD and the Lexar Professional NM980 M.2 2280 PCIe Gen5x4 NVMe SSD. The NM990 provides an extreme speed experience, with exceptional performance of up to 14GB/s read and 12GB/s write, all in a compact form factor. The NM980 features a low-power mode to ensure lower temperatures and reduced power consumption, making it ideal for laptop users.



NM1090

Lexar offers the ARES RGB DDR5 Desktop Memory, an exclusive series equipped with premium SK Hynix DRAM chips and bearing the "Lexar Empowered by SK Hynix" certification.

About Lexar

Found in 1996, Lexar has been trusted as a leading global brand of memory solutions. Our award-winning lineup includes memory cards, USB Flash Drives, card readers, solid-state drives, and DRAM. With so many options, it's easy to find the right Lexar solution to fit your needs.

LEXAR CO., LIMITED

► www.lexar.com
► **J0118** | TaiNEX 1

New EZCast Wireless Display Devices Offer Endless Possibilities

EZCast, a leading innovator of wireless display technologies and professional manufacturer of wireless display products, is showcasing a range of innovative new wireless display devices at COMPUTEX 2024.

Featured at the exhibition are some of EZCast's latest offerings, including 1-to-many wireless displays, Portrait Mode vertical screen technology perfect for social shorts, and the Ultra U2 4K wireless display with Wi-Fi 6 connectivity.

The Mini Pocket 1-to-2 wireless display, featuring USB-C 60W fast charging, is the perfect solution for small businesses looking to elevate their meetings and teaching sessions, as well as home entertainment setups. It enables direct streaming of short videos

from a source device to be displayed full-screen vertically on a large display, such as a monitor or projector.

For larger public event spaces like concert halls, theaters, and exhibition rooms, the EZCast Omni Tetra 1-to-4 version stands out as the ultimate solution, delivering unparalleled performance and reliability.

Building on the cutting-edge technology incorporated into the Ultra U1,

the new Ultra U2 4K wireless display has now been upgraded to Wi-Fi 6, giving faster transmission speeds and the latest



Ultra U2

connectivity features to reliably stream 4K Ultra HD content.

In addition, a new P2P mode incorporates both Airplay (iOS/macOS) and Miracast (Windows/Android), enabling display on a large TV without an internet connection for added convenience and ease of use.

EZCast takes advantage of DisplayPass, a software-defined display transmission protocol that works with software applications to enable wireless display via Wi-Fi and long-distance display through an Ethernet network.

WINNER WAVE TW LTD. (EZCAST)

- ▶ www.ezcast.com
- ▶ **P0723** | TaiNEX 2



<https://www.ezcast.com/>



Ultra U2
Wi-Fi 6
4K Ultra HD

EZCast Omni
HDMI 1to4
(Tetra)

Mini Pocket
Portrait Mode
1 to 2



Best Wireless Display Solution



Upcoming Supermicro X14 Servers with Future Support for Intel® Xeon® 6 processor

Supermicro has announced its X14 server portfolio with future support for the Intel® Xeon® 6 processor. The combination of Supermicro's Building Block Architecture, rack plug-and-play and liquid cooling solutions, and the breadth of the new Intel Xeon 6 processor family means Supermicro can deliver optimized solutions for any workload and at any scale, with superior performance and efficiency.

The upcoming Intel Xeon 6 processor portfolio will be available with Efficient-core (E-core) SKUs increasing performance-per-watt for cloud, networking, analytics, and scale-out workloads, and Performance-core (P-core) SKUs increasing performance-per-core for AI, HPC, Storage and Edge workloads. The upcoming processors will also feature built-in Intel Accelerator Engines with new support for FP16 on Intel Advanced Matrix Extensions.

The Supermicro portfolio of X14 systems is performance optimized and energy efficient, incorporates improved manageability and security, supports open industry standards, and is rack-scale optimized.

Liquid cooling and rack-scale integration to build application-optimized solutions of any size. Supermicro offers complete design, building, validation, and delivery services from a single rack to an entire data center cluster. In addition, a complete liquid cooling solution is available directly from Supermicro, which reduces overall data center electricity usage.

Systems are workload-optimized for maximum performance and efficiency, and the Supermicro X14 platform supports the latest generation of GPUs, DPUs, DDR5 memory, PCIe 5.0, Gen5 NVMe storage, and CXL 2.0.

Energy-efficient to reduce data center OPEX with support for free-air or direct-to-chip liquid cooling. Supermicro X14 systems are designed to operate in high-temperature data center environments up to 40° C (104° F), reducing cooling costs. Systems also support multiple airflow cooling zones for maximum CPU and GPU performance and are powered by in-house designed Titanium level power supplies for improved operational efficiency.

Improved security includes NIST 800-193 compliant hardware platform Root of Trust (RoT) on every server node and second-generation Silicon RoT designed to incorporate industry standards. Supermicro's open industry standards-based attestation/supply chain assurance from motherboard manufacturing through server production to customers, cryptographically attesting the integrity of each component and firmware using signed certificates and secure device identity. Run-time BMC protections continuously monitor threats and provide notification services, and hardware TPMs provide additional capabilities and measurements needed to run systems in secure environments.

Improved manageability includes remote management built on industry standards and secure Redfish APIs, a comprehensive software

suite that enables rack management at scale for IT infrastructure solutions deployed across the core to the edge and integrated and verified solutions with 3rd party standard hardware and firmware enable the best out-of-the-box experience for IT administrators.

Supermicro is committed to supporting open industry standards, including EDSFF E1.S and E3.S storage drives, Data Center Modular Hardware System (DC-MHS) architectures, OCP 3.0-compliant Advanced IO module (AIOM) cards for up to 400 Gbps bandwidth based on PCIe 5.0, OCP Open Accelerator Module Universal Base Board Designs for the GPU complex, Open ORV3-compliant DC-powered rack bus bar, and Open BMC.

For more information about Supermicro's X14 family of servers, please visit: <https://www.supermicro.com/x14>

SUPER MICRO COMPUTER, INC.

- ▶ www.supermicro.com
- ▶ **M0311a** | TaiNEX 1



The new Supermicro X14 systems will support Intel® Xeon® 6 processor.

DATOTEK the Explosive Growth of Mobile Storage Devices

Various mobile storage devices meet the needs of the new storage generation

Conabus 4.0: Redefining Portable Storage Excellence

ARES Conabus offers lightning-fast 40Gb/s data transfer speeds, reaching 3,750/3,700MB/s, surpassing traditional external HDD. Its Type-C interface seamlessly connects to laptops, desktops, or mobile devices, catering to professionals, creatives, and gamers. With Thunderbolt3 and Thunderbolt4 technology, Conabus 4.0 empowers users to unleash creativity and productivity. Whether editing videos, transferring files, or backing up documents, Conabus 4.0 streamlines workflows for focus on bringing ideas to life. Say goodbye to sluggish transfers, limited storage, and compatibility issues with Ares Conabus, embracing a future where speed, reliability, and portability redefine digital interactions. Experience Conabus today for limitless possibilities.



TORCH Portable SSD: Your Ultra-Lightweight, High-Speed Data Solution

Experience ultimate portability with TORCH Portable SSD. Weighing just 25g and no larger than a credit card, TORCH lets you carry your entire digital world effortlessly. Enjoy blazing-fast read and write speeds of up to 1050/1000MB/s, rivaling larger alternatives. The Thermal Throttling Technology ensures optimal performance by monitoring your SSD's temperature. Seamlessly transfer data from any Type C device supporting OTG Transfer. Unleash your full potential with TORCH today.

ARES Forge M.2 NVMe SSD Enclosure: Your Next-Level Storage Solution

With USB-C 3.2 Gen 2, reaching up to 10 Gb/s, equivalent to a maximum speed of 1000MB/s. The ARES Forge ensures versatile compatibility with M.2 PCIe NVMe/SATA SSDs, accommodating various form factors (2230/2242/2280) with M Key and B Key. Effortless installation is guaranteed with the tool-free design – simply slide in your SSD. Experience enhanced cooling for maximum performance with the aluminum alloy case, ensuring aggressive heat dissipation even during intensive tasks. Enjoy added convenience with dual USB-C to C and USB-C to A cable included, ensuring seamless connectivity across a wide range of devices. Elevate your storage experience with the ARES Forge M.2 SSD Enclosure.



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- ▶ **10228** | TaiNEX 1

Thermaltake Debuts the GR500 Racing Simulator Cockpit

Thermaltake, a leading PC DIY brand for premium hardware solutions, is proud to introduce the GR500 Racing Simulator Cockpit. The GR500 Racing Simulator Cockpit is designed for racing enthusiasts to experience authentic feel of racing. Moving beyond the conventional PC gaming setup, racing simulators redefine the gaming environment allowing you to feel like you are driving a racing car on a real racetrack in an indoor entertainment space easily.

To pursue a more realistic racing experience, the seat of GR500 Racing Simulator Cockpit is made with fiberglass and adopt a racing-like bucket design to ensure premium seating experience. The adjustable seat provides glides for forward & backward movement, as well as recline adjustments for ideal driving position over long gaming hours. The GR500 Racing Simulator Cockpit is crafted with a sturdy aluminum profile, steel structure, and anti-tip bracket, guaranteeing stability and safety.

To maintain a sleek look, the base of the GR500 Racing Simulator Cockpit features RGB Lighting Strips. Take it a step further and choose between 2 modes (Normal mode / Rhythm Pickup mode) and 20 different lighting effect settings. In addition, GR500 Racing Simulator Cockpit has universal compatibility that supports mainstream wheels, gear shifters, and pedals from Logitech, Fanatec, Thrustmaster and more, allowing you to build an ideal racing simulator with high customization. The wheel and pedal mount



provide multiple angle adjustments to fit your most suitable driving posture. Also, based on personal preferences, the gear shifter mount can be installed on both the left and right sides.

GR500 Racing Simulator Cockpit is designed for passionate racing enthusiasts who enjoy the excitement of the track. It can transform your room into any race track in the world. Paired with Meta Quest 3, it breaks the boundary between gaming and reality, allowing you to indulge in an otherworldly racing experience. Create your simulators with the Thermaltake racing ecosystem, or take it one step further

and match them with a VR headset like the Meta Quest 3, fully immersing the thrill of fast and furious racing!

GR500 Racing Simulator Cockpit:
<https://www.thermaltake.com/gr500-racing-simulator-cockpit.html>

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- ▶ www.thermaltake.com
- ▶ **M0120** | TaiNEX 1



Redefining Portable Storage Excellence

ARES Forge M.2 NVMe SSD Enclosure | TORCH Portable SSD | Conabus 4.0



Datotek International Co., Ltd.

Tel : 886-2-2658-1268
 Fax : 886-2-2658-3858
 E-mail : datotek@datos.com.tw



Vinpower Unveils World-first PSSD for Lightning Speeds Across Devices

During COMPUTEX 2024, Vinpower is showcasing the world's first enhanced 10Gbps portable SSD (PSSD) that's compatible with Apple iOS devices and supports iPhone iAP2. This PSSD offers super-fast read/write (R/W) transfer speeds and is the first of its kind to provide secure, high-powered, high-speed backup and storage across all computing platforms, including Apple iOS, Android, PC, MacBook, Chromebook, and more.

In this fast-paced world, people have become obsessed with instantaneous gratification. The same goes for computers, smartphones, and tablets. If it takes more than a few seconds to access content, it triggers frustration. That's why most companies and customers have switched their internal and external hard drives from a standard HDD to an SSD, which offers R/W transfer speeds of up to 14 times faster. Yet no one had made a compatible SSD for smartphones and tablets, especially iPhones and iPads. That is, not until Vinpower's latest advancement—the all-inclusive 10Gbps PSSD.

While typical RW transfer speeds for USB flash storage devices compatible with smartphones and tablets ranges from 30MB/sec to 80MB/sec, in testing, Vinpower's PSSD achieved true R/W transfer speeds of 800MB/sec with the iPhone 15Pro and 15Pro Max. When using Vinpower's PSSD, users can back up a 10GB video in 12 seconds when connected to the latest iPhone.

Vinpower's PSSD is incredibly compact and lightweight, making it easy to transport anywhere. It works with every computing platform, including Apple iOS as well as Android smartphones and tablets, while accommodating a range of NVMe SSD with varying form factors. Visit Vinpower's COMPUTEX booth at Taipei Nangang Exhibition Center, Hall 1 (TaiNEX 1), Booth J0310, to test the blazing-fast speeds and superiority for yourself.

VINPOWER INC.

- ▶ www.vinpowerdigital.com
- ▶ **J0310** | TaiNEX 1

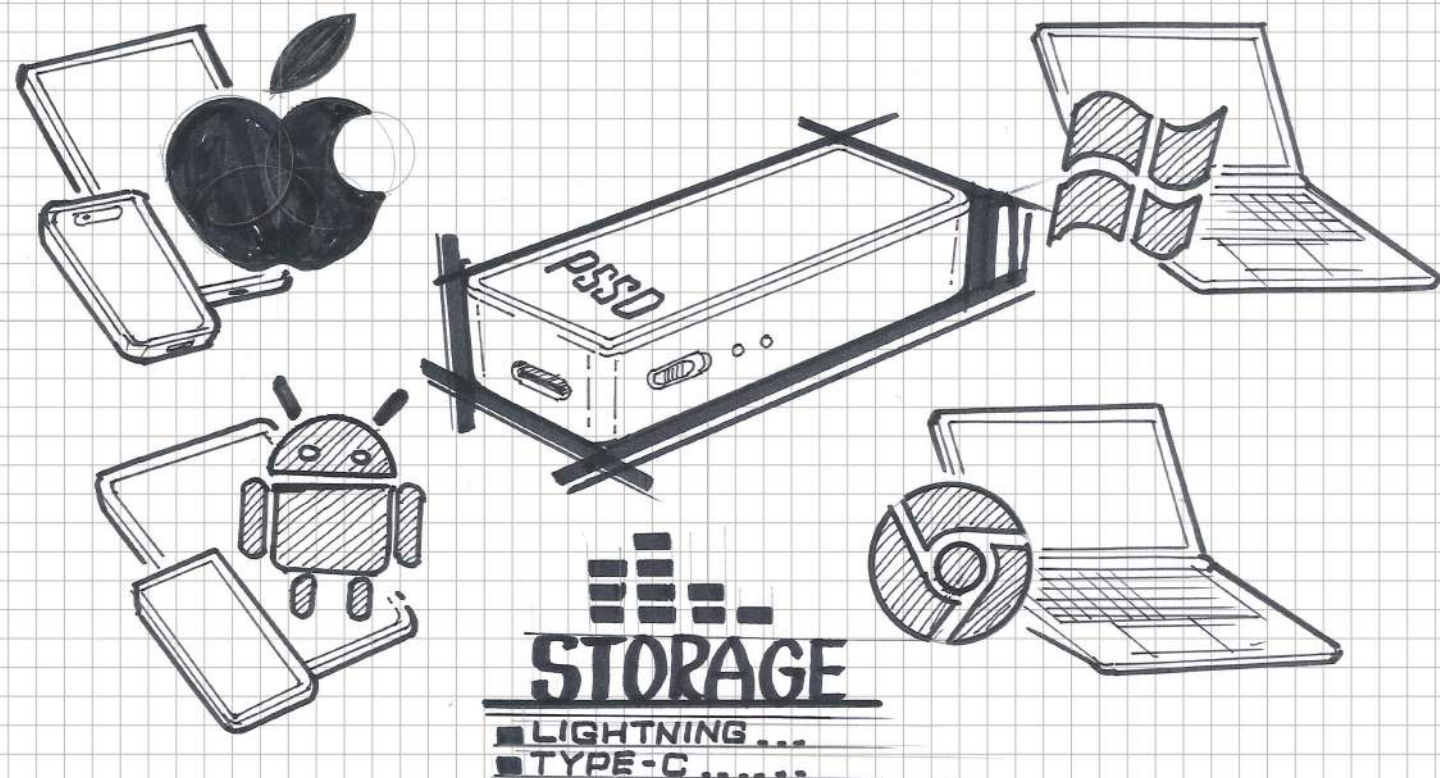


VINPOWER's PSSD super fast R/W data transfer speed on iPhone 15 Pro Max

STORAGE

Support both:
 • Lightning
 • USB3.2 Gen2 Type-C

Booth Number
J0310 VINPOWER DIGITAL
 The Future of Digital Storage



First of its kind Secure, High Powered, High-Speed, Portable SSD ("PSSD") for backup and storage across all platforms, including Apple iOS, Android, PC, MacBook, and more.

iOS Compatible Portable SSD (PSSD)

Enabling a better, safer and more interconnected world.

Tainex 2 1F Q0720 & Tainex 1 4F N0814

Wireless Telecom Total Solution

SGS services cover telecom operator testing, as well as testing and certification organized by major technology alliances, to help you plan your testing plans.

SGS one-stop testing service : Communication protocols, Cybersecurity, Compliance testing and verification, Worldwide Radio Frequency Regulations Service, International Tra, etc.



Green Product Total Solution

SGS has a professional technical team and rich experience in hazardous substance control to help you easily create green product competitiveness.

SGS one-stop testing service : Sustainable manufacturing solutions for the computer industry, Recycled material testing, Carbon footprint inventory, Banned and restricted substance testing, SGS green label, etc.



ESG & Other Total Solution

SGS fully supports the international regulatory requirements of the electronics industry for overseas sales.

Including : product development phase compliance assessment, supplier quality system verification, IoT product functionality/cybersecurity, and ESG sustainable solutions.



SGS Group has been included in the Dow Jones Sustainability Indices (DJSI) for 9 consecutive years since 2013. We are the leader in global technology services ESG.

<p>Member of Dow Jones Sustainability Indices <small>Powered by the S&P Global CSA</small></p>	<p>FTSE4Good Included in the index for 6th consecutive year 2016-2022</p>	<p>CDP Leadership Position: rated A-</p>	<p>SBTi : reduce emissions 46.2% by 2030</p>	<p>Reach net-zero greenhouse gas emissions across the value chain by 2050</p>
<p>Rated PRIME by ISS ESG Corporate Rating</p>	<p>AAA in MSCI ESG rating</p>	<p>GOLD rating from EcoVadis</p>	<p>Rated 'low risk' by Sustainalytics</p>	<p>RE 100</p>
				<p>wbcscd</p>

REARICE



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Enough is enough

No longer play hide-and-seek with your belongings anymore.
No more clutter on your desk.



T-shaped Ultra-Soft
Charging Cable