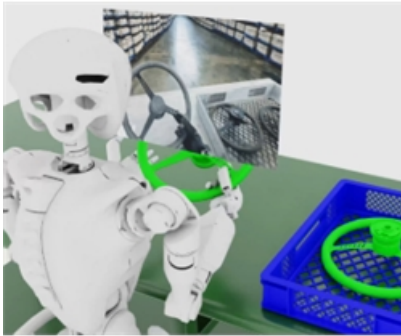


Best Choice of the year

NVIDIA Cosmos



NVIDIA Corporation

香港商輝達香港控股有限公司台
灣分公司

[Company Website](https://www.nvidia.com)

Winning Reason

The Cosmos platform gives a boost to the development of physical AI, including robotics and autonomous driving, introducing open and customizable inference models, bringing together advanced generative world models, high-performance visual tokenizers, security protection mechanisms, and video processing pipelines to provide powerful tools for AI developers. By adopting the Nvidia Cosmos Tokenizer as the visual tokenizer, it can efficiently convert images and videos into computer-processable tokens for excellent performance boosts in both overall compression rate and processing speed.

Product Feature

Cosmos World Foundation Models are a family of open models trained on 9000 trillion tokens of robotics and autonomous driving data, providing high-quality data for physical AI training. Available in 4B to 14B parameters, Cosmos supports autoregressive and diffusion models, giving developers flexibility based on their infrastructure and system needs. Advanced controls let developers guide outputs using instruction videos to create domain-specific synthetic data. They can modify layout, motion, trajectory, and visual quality of output to produce diverse datasets that precisely enhance and accelerate AI training. Built-in guardrails prevent hallucinations and harmful content. Deployed as an NVIDIA NIM, Cosmos enables fast, containerized AI deployment for robotics and autonomous systems.

<https://bcaward.computex.biz/>

Golden Award

Advanced GenAI Fine-tuning 6nm AI SSD solution



PHISON

Phison Electronics Corp

群聯電子股份有限公司竹南分公司

[Company Website](#)

Winning Reason

With the use of memory to innovate existing AI computing architectures, the development of AI SSD SoC chips with computing capabilities is officially underway. These chips are manufactured using TSMC's advanced 6nm process technology, integrating cutting-edge storage technologies to accelerate inference speed (TTFT; Time To First Token) and token length processing. These advancements bring us closer to the democratization and widespread adoption of AI, accelerating the integration of AI across various industries to enhance competitiveness and fine-tune AI model training. They address challenges such as cost, data confidentiality, and customization, making them highly suitable for future edge AI applications.

Product Feature

Phison Advanced GenAI Fine-tuning 6nm AI SSD solution is the world's first cutting-edge SSD controller chip with basic computational power specifically designed for GenAI model training and edge AI applications. It is built on leading TSMC 6nm process and Phison's exclusive patent for NAND flash serving as AI cache memory. The product is provided with basic computational power to offload GPU tasks, revolutionizing the current AI computing unit to greatly reduce High Bandwidth Memory (HBM) and DRAM usage and increase overall computing capability by 40%. It also shortens the hours of AI model training up to 50%, while also offering support of 5 different LLMs. As a result, these features enhance AI model training and has the best cost-effective than current AI solutions.

<https://bcaward.computex.biz/>

Golden Award

AI@Edge Fanless Embedded AI
System with NVIDIA® Jetson AGX
Orin™



AAEON Technology Inc.
研揚科技股份有限公司

[Company Website](#)



Winning Reason

This rugged in-vehicle edge AI computer was launched in response to the current market trend towards smart mobility in vehicles. Unlike strategies targeting general commercial or passenger vehicle markets, this PC has a wide variety of ADAS applications, including heavy vehicles, school buses, motorcycles, and AMRs, supporting autonomous driving and logistics automation. It's equipped with industrial-grade designs for shock resistance, dustproofing, and electromagnetic protection, and meets various vehicle certifications. Featuring integration with NVIDIA's AGX Orin AI platform, the device is effective in a range of edge computing fields such as satellite positioning, image transmission, communication applications, and data sensing. The areas of application and potential markets for this product include ADAS intelligent driving assistance, machinery automation for smart agriculture, handling equipment in smart warehousing, forklifts, and more, providing everything that's needed for intelligent mobility applications from image processing to multi-sensor integration.

Product Feature

The BOXER-8645AI is the first automotive AI Edge PC powered by NVIDIA® Jetson AGX Orin™, featuring E-Mark certification for safe and reliable in-vehicle use. Designed with vehicle power protection and EMC anti-interference, it ensures stable operation in complex automotive environments. Integrated with GMSL2 technology, it provides 6 Gbps bandwidth and 15μs low-latency video transmission, supporting 4K resolution or 1080p at 60fps without compression, delivering high-quality real-time imaging. With frame and time synchronization integration, the BOXER-8645AI synchronizes multi-camera frames with GPS timing, ensuring precise positional accuracy for AMR and automated vehicle applications, enhancing navigation and AI-driven operations.

Golden Award

DeCloakBrain AipA Robot System



 **鈺創科技**
Etron Technology, Inc.

Etron Technology, Inc.
鈺創科技股份有限公司

[Company Website](#)

Winning Reason

The AipA robot system from Etron Technology is a privacy-aware, embodied intelligent robot designed in collaboration with the United States for the LAPD for applications in security patrol and situational event analysis. Its main features include privacy protection AI technology, automatic situational awareness, real-time anomaly handling, low-power intelligent computing, and compatibility with existing robot hardware. As an edge device integrating both software and hardware, the more it connects, the smarter it becomes.

Product Feature

AipA Robotic System is a high-privacy AI platform designed as the intelligent core for robots and autonomous inspection systems. By integrating privacy-enhanced AI, differential privacy, and de-identified image processing, AipA enables robots and robotic dogs to perform surveillance, crowd management, and security patrols while ensuring compliance with global privacy regulations. Supporting multimodal environmental perception—including vision recognition, sound analysis, and spatial positioning—AipA is applicable to smart cities, industrial inspection, security monitoring, logistics, and disaster response. The system processes real-time robotic image data, generates high-quality reports, and seamlessly integrates with smart city infrastructures.

<https://bcaward.computex.biz/>

Golden Award

Edge AI NB Touchpad with Accessibility Mode & Gesture



ELAN Microelectronics Corp.
義隆電子股份有限公司

[Company Website](#)

Winning Reason

This unique touchpad was created to support users with disabilities by using edge computing AI image recognition models, giving diverse users control with the touch of a thumb or any convenient joint on the simple interface for quick mouse operation. The touchpad can adjust the right-click activation range and double-click speed while also incorporating gesture recognition mechanisms. These features make computing more convenient and accessible for people with disabilities, for a technically innovative product that also helps level the social playing field.

Product Feature

ELAN use self-developed Edge AI algorithm (YOLO) to learn and adapt to the unique hand shapes of different individuals with disabilities. By leveraging AR technology, the system ensures objects could reach every positions on the touchpad and every traces, addressing various corner cases. Furthermore, Transfer Learning is applied to adapt the model to each individual' s unique hand, enabling accurate operation for all users. ELAN utilizes AI algorithm to learn various hand gestures, ensuring precise recognition of gesture trajectories. This allows users to accurately activate applications through gestures. Using AI algorithm to learn non-finger type of touch actions and smoothly used on touchpad. This non-finger type of touch actions are often excluded due to palm-rejection recognized.

<https://bcaward.computex.biz/>

Golden Award

NVIDIA Grace Blackwell 200 NVL72



nVIDIA®

NVIDIA Corporation

香港商輝達香港控股有限公司台
灣分公司

[Company Website](https://nvidia.com)

Winning Reason

1. NVIDIA's latest DGX server, GB200 NV72, scales generative AI up to the trillion-parameter level for a 30x increase in the inference speed of large language models (LLM) over the previous generation, 4x faster training speeds, and a 25x reduction in the total cost of ownership (TCO) and energy consumption, proving so popular that demand is outstripping supply.
2. The new model incorporates a 5th-generation NVLink with liquid cooling into a single large 72-GPU machine, saving AI data center space and reducing water usage.
3. The NVLink-C2C increases the speed of critical database queries to 18x that of a CPU, reducing total ownership cost by 5x.

Product Feature

GB200 NVL72 is unlocking real-time trillion-parameter models in an energy efficient way by connecting 36 Grace CPUs and 72 Blackwell GPUs in a rack-scale design. The GB200 NVL72 rack scale solution is liquid-cooled and boasts a 72-GPU NVLink domain that acts as a single massive GPU that delivers 4X faster LLM Training, 30X faster real-time trillion-parameter LLM inference, with 25X lower energy. The GB200 Grace Blackwell Superchip is a key component of the NVIDIA GB200 NVL72, connecting two high-performance NVIDIA Blackwell Tensor Core GPUs and an NVIDIA Grace CPU using the NVIDIA® NVLink® C2C interconnect to the two Blackwell GPUs. GB200 NVL72 utilizes the NVLink Switch system to provide 130 terabytes per second (TB/s) of low-latency GPU communications for AI and HPC workloads.

<https://bcaward.computex.biz/>

Golden Award

ThreatVision



TEAM T5 INC.

杜浦數位安全股份有限公司

[Company Website](#)

Winning Reason

The ThreatVision platform directly offers threat defense (including intrusion indicators, critical vulnerabilities, threat hunting, automated sample analysis, attack group databases, and malware group databases) and risk prevention (such as dark web monitoring, threat intelligence, and customized reports). These features meet the multifaceted cybersecurity needs of enterprises, from threat response, security analysis, and security alerts to regulatory compliance. The company has begun its expansion overseas, growing into the Japanese market.

Product Feature

Provides diverse threat intelligence to help enterprises make cybersecurity strategy and effectively defend against attacks: APT Threat Intelligence: These reports provide enterprises with real-time threat intelligence and Indicators of Compromise to take defensive actions. Vulnerability Intelligence: The deep-dive analysis regarding critical vulnerabilities and provide mitigation guidelines. It provides a step-by-step approach to mitigate and to avoid the potential risks associated with vulnerabilities. Deep and Dark Web Intelligence: It provides in-depth tailored analysis, including risk assessment and mitigation suggestions, which enables users to quickly understand its risk status and handle incident response based on mitigation suggestions.

<https://bcaward.computex.biz/>

Golden Award

Titan 18 HX Dragon Edition Norse Myth

msi



Micro-Star International
微星科技股份有限公司

[Company Website](https://www.msi.com)

Winning Reason

MSI's Titan 18 HX Dragon Edition Norse Myth gaming laptop stands at the top of its field, boasting top-tier performance and exquisite design. Equipped with the latest Intel Core Ultra 9 285HX processor and NVIDIA GeForce RTX 5090 graphics card, it delivers unparalleled computing power and graphics performance. The 18-inch 4K Mini LED display features a 120Hz refresh rate, 100% DCI-P3 color gamut, and DisplayHDR 1000 certification, offering an exceptional visual experience. The specially crafted lid incorporates Nordic myth dragon carvings, paired with a Cherry mechanical keyboard, providing excellent tactile feedback and control. This perfect blend of performance and artistry makes it the ultimate weapon for gamers.

Product Feature

The MSI Titan 18 HX Dragon Edition Norse Myth combines elite performance with a stunning Norse-inspired design.

Powered by an Intel® Core™ Ultra 9 285HX, RTX™ 5090 GPU, and MSI OverBoost Ultra, it delivers 270W peak performance for gaming, creation, and AI computing. An advanced cooling system with a vapor chamber and PCIe Gen 5 SSD heat pipe ensures stability under heavy workloads.

It supports 4 SSDs up to 18,000 MB/s, providing massive storage and ultra-fast data transfer.

The Cherry MX mechanical keyboard offers crisp feedback, while the world's first 18" 4K 120Hz MiniLED display delivers HDR visuals with stunning clarity.

With dual Thunderbolt™ 5 ports for high-speed connectivity, the Titan 18 HX is the ultimate flagship laptop for gamers, creators, and professionals.

Golden Award

Ultra-Low-Power Multimodal AI SoC



Realtek Semiconductor Corp.
瑞昱半導體股份有限公司

[Company Website](#)



Winning Reason

With the rapid development of TinyML and edge AI, chips like RTL8735C are fast becoming one of the hottest items on the market. Its low power consumption, high performance, and multimodal support make it competitive in the IoT and edge computing fields. Compared to traditional cloud solutions, edge AI chips can significantly reduce data transmission costs while enhancing real-time capabilities and privacy protection.

Product Feature

1. Single Chip Integration: ultra high integration merges wireless communication, imaging, two way audio, and AI edge computing, reducing complexity and cost.
2. AI ISP: Advanced AI ISP handles high res, full color imaging in low light, overcoming traditional illumination limits and enhancing monitoring.
3. High Speed Wireless: Wi-Fi 6 and Bluetooth 5.3 ensure fast, stable data for IoT.
4. Ultra Low Power: Perfect for wearables and battery devices, ensuring long operation.
5. Compact Module: Minimal footprint suits homes, industry, and wearables. 6. Secure & Stable: PSA L2 certification and tough tests safeguard data. 7. Broad Use: Ideal for smart homes, healthcare, industrial, and more, leading the market.

<https://bcaward.computex.biz/>

Category Award

2025 ROG Zephyrus G14



Asustek Computer Inc.

華碩電腦股份有限公司

[Company Website](#)



Winning Reason

The 2025 ROG Zephyrus G14 perfectly combines top-tier gaming performance with portability. It can be equipped with the AMD Ryzen AI 9 HX 370 processor and NVIDIA GeForce RTX 5080 GPU, providing excellent computing power and smooth gaming experience. Weighing only 1.5kg and with a thickness of just 1.59cm, it achieves ultimate portability. Its 14-inch ROG Nebula OLED display features 3K resolution, 120Hz refresh rate, and 0.2ms response time, delivering precise colors and vivid visual effects. This product not only meets high-performance demands but is also an ideal choice for mobile gamers.

Product Feature

Extremely thin, efficient design: the G14 is built with aluminum and CNC unibody craftsmanship. With a maximum 1.59cm thickness and light 1.57Kg weight, this laptop sports a compact, elegant form factor.

A versatile, vivid display: the G14's OLED panel features NVIDIA G-SYNC support, a 3K resolution, 120Hz refresh rate, and 0.2 ms response time. It provides users with immersive, gorgeous visuals.

High performance: with up to an AMD Ryzen AI 9 HX 370 processor, NVIDIA GeForce RTX 5080 Laptop GPU, and 64GB of LPDDR5-8000MHz RAM, this laptop produces incredible results.

Slash Lighting array: Slash Lighting on the lid allows users to customize the G14's lighting to suit their needs.

Portability and convenience: travel anywhere with a 73Wh battery and multiple I/O Ports.

Category Award

5G Generative AI Gateway

MEDIATEK



MediaTek Inc.

聯發科技股份有限公司

[Company Website](#)

Winning Reason

MediaTek's 5G Generative AI Gateway is a Central Gen AI agent designed for edge computing and privacy processing. It boasts high-performance computing, generative AI, AI agents, edge computing, and privacy protection capabilities. This gateway can be utilized for smart home applications (personalized home automation), enhancing productivity (unleashing creativity), and automatic network troubleshooting (optimizing network quality).

Product Feature

1. High-Performance Computing: Integrates 5G and AI technology to deliver low-latency and high-bandwidth communication.
2. Generative AI: Built-in AI computing processor can run text-based chatbot model, multimodal chatbot, and image generation models.
3. AI agent: Understands user context and preferences reasonably to suggest processes and then take actions automatically.
4. Edge Computing: Supports edge computing to reduce data latency and improve real-time response.
5. Privacy Protection: Emphasizes privacy features and ensures data security by allowing local processing of personal and home data on the gateway, off the cloud.

<https://bcaward.computex.biz/>

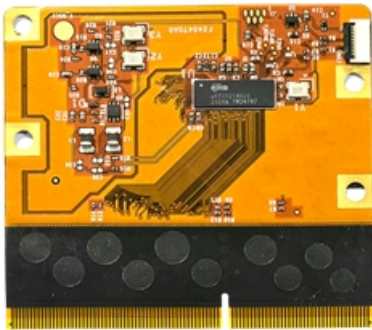
Category Award

AI enabled touch screen solution
for IPC



ELAN Microelectronics Corp.
義隆電子股份有限公司

[Company Website](#)



Winning Reason

The market's first single-chip touch solution combining capacitive, EF electric field, and AI algorithms offers waterproof and thick glove (including rubber gloves) touch functionality. Utilizing AI to predict stylus strokes, it provides smooth writing with a pen reporting rate of up to 500Hz. This solution can be applied to industrial computers, rugged laptops, tablets, and wearable devices, as well as in industrial (production lines), military-grade environments, outdoor self-service facilities (restaurant ordering machines, self-service gas stations, kiosks), and the medical industry (electronic medical record systems, monitoring equipment).

Product Feature

1. Elan self-developed circuit design effectively receives high-frequency electric field signals. Additionally, the proprietary edge AI algorithm detects whether a hand on the screen is submerged in water, accurately reporting object properties to the system.
2. The edge AI algorithm can distinguish between a hand and water on the screen, preventing false touch coordinate reporting due to water droplets or failing to report coordinates when a finger operates within a water droplet.
3. The edge AI algorithm adapts to screen contamination, preventing incorrect or missing touch coordinate reports caused by dirt.
4. Elan self-developed circuit design and edge AI algorithm can differentiate between gloves and fingers, ensuring accurate touch coordinate reporting.

Category Award

aiDAPTIV+ One-stop GenAI Local Training Solution

PHISON

Phison Electronics Corp
群聯電子股份有限公司竹南分公司

[Company Website](#)



Winning Reason

1. Phison's aiDAPTIV+ offers an accessible, easy-to-implement generative AI solution for enterprises and institutions. This practical and innovative solution effectively reduces implementation costs and technical burdens while supporting on-premises model training and strict data management mechanisms, ensuring comprehensive data privacy and meeting high cybersecurity standards.
2. aiDAPTIV+ can increase the number of trainable parameters for AI servers, AI workstations, and AI TPCs at a lower cost, reducing the need for GPU memory.
3. It can also be used in the Jetson Orin Nano Super embedded kit to enhance the number of inference processing parameters.

Product Feature

aiDAPTIV+ is engineered for local generative AI training, offering a seamless, all-in-one solution for AI model training and inference. It overcomes traditional cloud training's data risks, high costs, and GPU memory limits, delivering exceptional performance and flexibility.

Key selling points:

1. Unmatched Computing Power: aiDAPTIVLink(Middleware) offloads data to aiDAPTIVCache(NAND Flash SSD), maximizing GPU memory usage for large-scale optimization and ultra-low-latency inference.
2. Seamless AI Integration: Pro Suite enables one-click data cleaning, model training, validation, and chatbot integration.
3. Enhanced Data Privacy: Train models in-house, ensuring full control over sensitive data.
4. Scalable Architecture: Dynamic hardware configurations to adapt to AI deployment stages.

Category Award

AIR-420 Edge AI Application Server



Advantech Co., Ltd.
研華股份有限公司

[Company Website](#)



Winning Reason

The AIR-420 edge AI application server features an innovative structure and silent design. It supports aiSSD and expanded GPU memory for LLM fine-tuning training, offering no-code model fine-tuning settings and real-time LLM fine-tuning training status. Advantech's aiDAPTIV middleware moves data to aiSSD, freeing up space for batch processing input data when GPU memory is only needed to process part of the model. This enhances GPU training performance and saves GPU power consumption. With functionality priced at only 20%, it offers customers excellent cost-effectiveness and value.

Product Feature

The AIR-420 is an innovative design centered around AI-accelerated graphics cards. By optimizing the CPU and PCIe slot configuration and incorporating a redundant power supply module, it achieves the industry's smallest volume (28.6 liters) while accommodating two RTX 5090 graphics cards, delivering a highly reliable edge artificial intelligence application system.

<https://bcaward.computex.biz/>

Category Award

AI-Stack



INFINITIX Inc.

數位無限軟體股份有限公司

[Company Website](#)

Winning Reason

This product focuses on AI infrastructure management, offering rich software and integration capabilities. It provides global customers with effective AI hardware and software integration solutions, significantly enhancing the scheduling and integration of hardware resources. It is suitable for various AI model training applications.

The platform distributes AI tasks across multiple computing nodes and makes use of distributed technology to process large data sets, which boosts the efficiency of AI model computations and improves resource use. In the current era of prioritized cost-effectiveness in hardware performance and operational cost management, this product highlights the critical role of a software management platform in AI infrastructure and underscores the value of software in AI applications.

Product Feature

1. Efficient GPU Management: Partitioning and aggregation elevate usage to 90%, allowing multi-user, multi-task operations.
2. High-Performance Distributed Computing: Runs training across multiple nodes in parallel, significantly reducing runtime.
3. Open-Source & Multi-Cloud Integration: Combines TensorFlow/PyTorch with multi-cloud, streamlining AI development and deployment.
4. Intelligent Workload Scheduling: Leverages Kubernetes-based multi-queue, overcommitment, and auto pause-resume for optimal resource usage.
5. User-Friendly MLOps: Provides a containerized environment for quick GPU and framework selection, enhancing the entire AI lifecycle.
6. Industry Applications: Deployed in healthcare, manufacturing, data centers, and research to optimize resources and enable data-driven decisions.

Category Award

AORUS MASTER 16



GIGABYTE™

GIGABYTE TECHNOLOGY CO.,
LTD.

技嘉科技股份有限公司

[Company Website](#)

Winning Reason

The AORUS MASTER 16 is equipped with the latest Intel Core Ultra 200HX series processor and NVIDIA GeForce RTX 5090 graphics chip, providing powerful AI computing and ray tracing technology that elevates gaming and creative experiences to new heights. The 16-inch OLED display boasts a 240Hz refresh rate, 100% DCI-P3 color gamut, and HDR support, delivering vivid visual effects. It features WINDFORCE Infinity EX cooling technology and an efficient dual-fan design, ensuring stable performance and comfortable operation.

Product Feature

- GIGABYTE GiMATE: Your Smart AI Mate Just Press & Speak based on LLM technology to level up your gaming experience and overall hardware & software setting
- Intel® Core™ Ultra 9 275HX processor, build on NPU for computing
- Up to NVIDIA® GeForce RTX™ 5090 Laptop GPU, generate images at unprecedented speed
- WINDFORCE Infinity EX for 230-watt Thermal Power
- NVIDIA Advanced Optimus support: DDS Technology
- 4-sided Super-slim Bezels patented design with 91% StB ratio
- Personal cinema with Dolby Atmos® and Dolby Vision®
- 99Wh battery capacity
- PD 3.0 Type-C Charging
- 3 Zone RGB keyboard & RGB Surround Light
- AORUS Beacon projector to show enthusiasm
- Wi-Fi 7 support

<https://bcaward.computex.biz/>

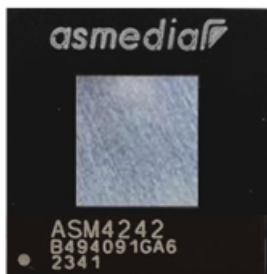
Category Award

ASM4242 | USB4 Host Controller
40G



ASMedia Technology Inc
祥碩科技股份有限公司

[Company Website](#)



Winning Reason

1. After receiving USB-IF certification in early 2024, ASMedia's ASM4242 USB4 host controller chip now also has Thunderbolt 4 certification. It is one of the world's few standalone host controller chips with dual certification for USB4 and Thunderbolt 4, providing a more comprehensive high-speed transmission solution and creating a superior end-user experience.
2. The chip supports high-speed connections between two hosts, enabling large data transfers, shared displays, or the use of PCIe devices.
3. Through a USB4 external PCIe interface, it allows the host to connect an external GPU, enhancing system graphics and AI computing capabilities.

Product Feature

The ASM4242 is ASMedia's first generation of USB4 host controller. It features upstream ports with 4-lane PCI Express 4.0 (PCIe Gen 4) and dual 4-lane DisplayPort sink ports, and downstream facing ports with dual USB4 ports.

This controller also supports multiple protocol tunneling and USB 3.2 and DisplayPort alternate mode, providing high bandwidth up to USB4 Gen 3x2 40Gbps, USB 3.2 SuperSpeedPlus Gen 2x2 20Gbps and DisplayPort HBR3 x4 up to 32.4Gbps.

This controller is in compliance with USB4 Specification Rev 1.0, VESA DisplayPort Standard V1.4a, VESA DisplayPort Alt Mode on USB Type-C Standard V2.0, and PCI Express Base Specification Rev 4.0 V1.0.

<https://bcaward.computex.biz/>

Category Award

Claw 8 AI+ A2VM

msi



Micro-Star International

微星科技股份有限公司

[Company Website](#)

Winning Reason

1. The new MSI Claw 8 AI+ A2VM gaming handheld features the latest Intel® Core™ Ultra 7 processor (Series 2) combined with Intel® XeSS technology to deliver enhanced performance. This market-leading device is equipped with an 8-inch immersive display and an 80Whr battery, providing gamers with a fully immersive and innovative gaming experience.
2. The joysticks and triggers use Hall sensors, improving gaming control precision and durability.
3. This Copilot+PC certified device comes with two Thunderbolt 4 ports supporting dual output, allowing it to be used as a Mini PC when connected to a monitor.

Product Feature

- Equipped with an Intel Core Ultra 200V processor, delivering a balance of performance and battery life, especially in manual 17W mode, enhancing gaming and multitasking efficiency.
- The world's first Copilot+ PC handheld, certified by Microsoft.
- 8-inch 16:10 touchscreen display with a 120Hz refresh rate and VRR support, providing an immersive gaming experience. With 500-nit brightness, gaming outdoors is no problem.
- Dual Thunderbolt 4 ports, allowing simultaneous charging, external storage, display connectivity.
- Ergonomic design and an 80Whr long-lasting battery, perfect for extended gaming and work sessions.
- Revamped MSI Center software, offering a more intuitive and visually appealing user experience.
- Hall effect joysticks and bumpers, ensuring greater stability

<https://bcaward.computex.biz/>

Category Award

Dr. AI

Gemtek

Gemtek Technology Co.,Ltd.

正文科技股份有限公司

[Company Website](#)



Winning Reason

1. This solution for health management agents consolidates the various medical disciplines by integrating AI into every detail of hospital management, including health check-ups, inpatient care, and outpatient services.
2. Doctor-patient conversations are first interpreted by an expert system for semantic recognition before being input into the system, enhancing the accuracy of differential diagnoses.
3. The system has been adopted by several hospitals in Taiwan and the United States, including the Chung Shan Medical University Hospital and the Mayo Clinic, where it's been shown to improve efficiency and reduce staff workload. Expansion into the Japanese hospital market has also begun.
4. It comes with a healthcare agent function that can reduce the workload in long-term care and patient consultations of in-demand doctors.

Product Feature

Dr.AI is an AI-driven medical platform that enhances outpatient care, inpatient care, and medical documentation through speech-based AI technology.

□ Outpatient Care

- MedPA - AI Physician Avatar: Patients pre-report symptoms, auto-generating chief complaint records for instant transmission to doctors.
- AI Speech-to-Text (STT) & SOAP Note: Real-time transcription of doctor-patient dialogues, auto-generating SOAP notes for documentation.

□ Inpatient Care

- Admission & Progress Notes, Medical Orders: AI auto-organizes patient data, generating standardized records, reducing workload.
- Nursing Records & Personalized Treatment Plans: AI automates nursing reports, and cancer treatment plans.

□ Health Check Report Generation

- Batch processing: Generates 100 reports in 15 mins.

<https://bcaward.computex.biz/>

Category Award

Edge Vision AI Traffic Signal Control



ELAN Microelectronics Corp.

義隆電子股份有限公司

[Company Website](https://www.elan.com.tw/)



Winning Reason

This edge computing AI image recognition model was designed in collaboration with Academia Sinica with low-power, low-latency, and low-cost algorithms to allow for real-time processing at the data generation site for reduced latency, improved response speed, and decreased the demand for network bandwidth. It recognizes and tracks large vehicles, small vehicles, and motorcycles to monitor mixed traffic flow and turning volume at intersections. It can predict red light violations and extend red light duration to prevent accidents. Its ability to handle mixed cars and motorcycle traffic is suitable for the Taiwan and Southeast Asian markets. This model is beneficial for latency-sensitive scenarios such as autonomous vehicles and smart cities.

Product Feature

1. Edge AI Traffic Recognition GElanNet, optimized from CSPNet and YOLO frameworks, delivers 30+ FPS with 70m multi-lane detection, ensuring precise real-time monitoring in edge environments.
2. Edge AI Traffic Cameras On-device AI processing enables millisecond-level response, ensuring real-time traffic analysis and adaptive signal control without cloud dependency, enhancing efficiency and cybersecurity.
3. Mixed Traffic Detection & Dynamic Signals AI-powered recognition identifies vehicles, motorcycles, bicycles, and pedestrians, dynamically adjusting signal timing based on traffic flow patterns, optimizing road efficiency.
4. AR/VR Data Augmentation Generative AI simulates adverse weather, large events, and traffic surges, enhancing adaptive signal strategies and preparing the system

Category Award

Edge-based Pedestrian AI Safety System



ELAN Microelectronics Corp.

義隆電子股份有限公司

[Company Website](#)



Winning Reason

The self-developed edge computing AI image recognition model (YOLOv9) offers high-precision mixed traffic recognition capabilities (vehicles/pedestrians/bicycles). It incorporates pedestrian coordinate projection and vehicle coordinate projection, enabling patented red-light violation prediction or dynamic signal control to extend red lights to reduce pedestrian and vehicle collisions. The model has undergone field tests in Taoyuan and Yunlin, with discussions ongoing for related local government project needs. There is similar demand in Southeast Asian markets, which also have mixed motorcycle and car traffic, with negotiations underway in Thailand, Malaysia, and Vietnam.

Product Feature

Edge-based Pedestrian AI Safety System is the first AI-driven pedestrian signal control solution, combining real-time detection, predictive analytics, and adaptive signals. Through AI image recognition, dynamic trajectory analysis, and braking distance estimation, the system assesses potential safety risks and makes the following decisions:

Real-Time Warnings: Alerts pedestrians and drivers via CMS displays, flashing beacons, and smart ground markings, enhancing situational awareness.

Extended Pedestrian Crossing Time: Extends green light duration when pedestrians require more time to cross safely.

Extended All-Red Phase: Extends the all-red phase upon detecting high-risk red-light violations, mitigating pedestrian-vehicle conflicts.

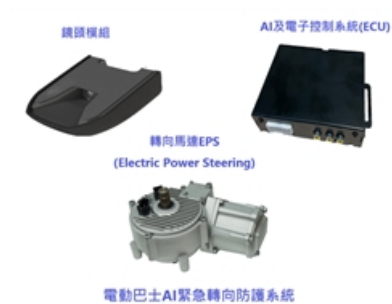
Category Award

Enhanced Lane Assistance Navigator 3.0 (ELAN)



ELAN Microelectronics Corp.
義隆電子股份有限公司

[Company Website](#)



Winning Reason

This product includes three main features: active collision warning and avoidance, vehicle dynamic stability control, and an edge computing multi-task detection model. The company has many years of experience in independently developing image processing chip technology, lens module development, and software platforms. By collaborating with major research institutions in Taiwan and domestic downstream companies, the company is deeply invested in AI algorithms and data computing, system integration, and in-vehicle field verification, earning it high regard for its sensor fusion AI models.

This product can accurately grasp object positions and analyze them to enhance driving safety through AI sensor compensation algorithms, even in cases of signal discontinuity. The initial target market for this product includes large domestic buses and small to medium-sized trucks in the logistics industry. Given the future energy transition and the need to improve driving safety, the market potential is excellent.

Product Feature

1.Active Collision Warning and Evasion: The system takes into account signals from the vehicle's ABS and TCS, limiting lateral acceleration and its rate of change to ensure a smooth evasion of obstacles.

2.Vehicle Dynamic Stability Control: The system adjusts the steering input based on the vehicle's lateral acceleration, speed, and steering wheel rotation to ensure steering comfort.

3.Self-developed Edge Computing AI Multi-task Detection Model (GElanNet): -This model is based on the AI models CSPNET, YOLOv4, YOLOR, YOLOv7, and YOLOv9, developed in collaboration between Yilong Electronics and Academia Sinica. - Optimized for AI SoC, GElanNet can perform multi-task detection at over 30 frames per second, even under the 1 TOPS computational power limit 4.VR/AR/GAI Data Augmentation

<https://bcaward.computex.biz/>

Category Award

Enterprise Edge AI Switch IC



Realtek Semiconductor Corp.

瑞昱半導體股份有限公司

[Company Website](#)



Winning Reason

Realtek's RTL9335 is designed to meet the demands of next-generation network computing. It features independently developed 25G SerDes technology, achieving a single-port bandwidth of 100Gbps and a total bandwidth of 640Gbps. This chip offers high bandwidth, low latency, and efficient packet processing, with a built-in vector instruction set. It can also be combined with an external XPU to further develop network AI software and hardware platforms. As an enterprise-grade TSN Switch IC, it provides flexible edge AI computing expansion and a versatile advanced design, making it suitable for various applications in enterprise and telecommunications markets.

Product Feature

High Bandwidth and Low Latency Transmission Supports 24 10Gbps downlink ports and 4 100Gbps uplink ports, providing total bandwidth 640Gbps high-speed transmission for edge AI computing Comprehensive Layer 2 & Layer 3 Functionality Includes VLAN Translation, Link Aggregation, IP-MAC binding, ECMP, VRF and more High-Performance Packet Processing Features an innovative design with flexible packet flow tables, which forward packets based on policies, significantly enhancing server performance and reducing packet transmission latency Advanced Network Virtualization Technology, EVPN This virtualization technology can virtualize the network configuration of multiple traditional devices into a single device, greatly reducing management complexity and increasing operational reliability

<https://bcaward.computex.biz/>

Category Award

EPD Solution Suite for Smart Logistics and Warehousing



ADVANTECH

Advantech Co., Ltd.

研華股份有限公司

[Company Website](#)

Winning Reason

Advantech's EPD-304 electronic paper display is powered by NFC technology, eliminating the need for a dedicated power source to make it environmentally friendly and cost-effective. Its 3.7-inch size and ultra-thin profile make it ideal for space-constrained environments, while the device can be wirelessly updated via an NFC reader or smartphone, simplifying deployment and maintenance. Finally, compared to traditional paper, it reduces carbon emissions, meeting ESG standards.

Product Feature

EPD-304 Product Strategy Focuses on Four Key Directions:

1. Battery-Free: Powered wirelessly via NFC, utilizing the NFC electronic paper power supply principle
2. Zero Carbon Emissions: No power supply required, making it a completely eco-friendly, zero-carbon product.
3. Ultra-Thin and Lightweight Design: With a thickness of only 5.2mm, it can be easily fixed at various production stages on the assembly line.
4. LED Status Indicator: Equipped with a highly bright LED light in three different colors, providing status notifications based on user actions.
5. OTA Software Functionality: Supports wireless software updates, enabling users to implement more applications conveniently.
6. Simple Management : Features an easy-to-use management platform, along with a free Android & iOS APP

Category Award

Intel® Core™ Ultra 200V Series
Processors



Intel Corporation

美商英特爾亞太科技有限公司台
灣分公司

[Company Website](#)



Winning Reason

Intel® Core™ Ultra 200V Series Processors, with its innovative system architecture and MoP multi-chip packaging technology, offers twice the CPU computing efficiency of its predecessor, a 50% improvement in GPU efficiency, up to 4x the AI computing efficiency of the NPU 4 architecture, and battery life of up to 20 hours. With NPU 48 TOPS and GPU 67 TOPS, users can run various on-device AI applications on lightweight laptops. It also meets market expectations with its wireless communication features such as WiFi 7 and BT 5.4.

Product Feature

Intel® Core™ Ultra 200V Series Processors – code-named Lunar Lake with most efficient x86 processor, world's best built-in GPU deliver breakthrough performance and power efficiency for the AI PC Gen over gen 50% lower package power enabled best battery life in x86, up to 20hrs battery life. Gen over gen 60% gaming performance, 2x GPU power efficiency (perf/watt) with Xe2 architecture Unmatched AI compute with up to 120 platform TOPS (GPU 67TOPS, NPU 48TOPS, CPU 5TOPS)

<https://bcaward.computex.biz/>

Category Award

Medical Operating Room All In
One Panel PC Solutions



Wincomm Corporation
中美萬泰科技股份有限公司

[Company Website](#)



Winning Reason

The WMP-27T-PIS diagnostic panel is packed with innovative medical technology, featuring a 4K UHD high-resolution display, antibacterial design, and fanless silent technology while significantly enhancing operating room efficiency and hygiene standards. With cutting-edge 13th generation Intel Core processors and medical-grade certification, it stands tall as the leader in precision medical equipment. Not only does it offer outstanding performance, but it also scores high in environmental protection and safety, setting a new benchmark for modern medical care and earning well-deserved recognition.

Product Feature

Designed for hospital operating rooms, it featured a 27-inch 4K display that supports a brightness lock for accuracy. Powered by Intel 13th Gen Core i7-13800HE and Iris® Xe Graphics, it delivers low-latency, high-resolution imaging for intelligent surgery.

Its built-in power supply to ensure stable 24/7 power, while secure cable fastening prevents disconnection. A fanless design keeps the environment quiet.

It supports dual-screen output and bidirectional image input/output, integrating with medical devices. PCI-E x4 expansion, Isolation LAN/USB, and medical certifications ensure high performance and safety. Antibacterial aluminum design resists 95% of MRSA, and IP65/IP54 protection ensures hygiene. Energy Star compliance reduces power consumption.

<https://bcaward.computex.biz/>

Category Award

MEG VISION X AI

msi

Micro-Star International

微星科技股份有限公司

[Company Website](#)



Winning Reason

MSI's MEG VISION X AI redefines the possibilities of gaming desktops. Its innovative 13-inch AUI HMI touch screen combines on-site and cloud AI functionalities, supporting Copilot voice commands and providing real-time hardware monitoring. Gamers can quickly launch AI Artist and MSI Chat through the touch screen, generating creative content and directly applying it as wallpaper. Additionally, the AI HMI does not occupy the graphics card output port and can be used as a second screen, enhancing usability. Paired with top-tier Intel processors and NVIDIA graphics cards, this product is the perfect combination of performance and innovative design.

Product Feature

AI HMI Smart Touch Control MEG VISION X AI features a 13" touchscreen with built-in speaker and a mic, paired with an AI HMI app for intuitive AI interaction. Smart recognition enables quick mode switching and auto system setup. It controls MSI gaming monitors, monitors hardware, and adjusts PC settings like audio, RGB, and mic. It also functions as a secondary display for productivity and immersion. Top-Tier Performance Powered by a GeForce RTX 50 GPU and Intel Core Ultra 9 CPU with NPU, it delivers stunning visuals and AI computing power. AI Smart Cooling Silent Storm Cooling AI optimizes fan speeds via AI-driven temperature analysis for sustained high performance.

<https://bcaward.computex.biz/>

Category Award

MS633 Bluetooth 2D Ring Scanner



Unitech Electronics Co., Ltd.

精聯電子股份有限公司

[Company Website](#)

Winning Reason

This wireless ring scanner was designed to meet the high-volume barcode scanning needs of the retail and warehousing industries and is 10-20% lighter than its competitors, with a scanning distance of up to 12 meters. It can read multiple barcodes simultaneously and comes with accessories that allow switching between ring and glove configurations, supporting both left and right-hand operation. It features built-in NFC for quick pairing, touch buttons with a lifespan of up to 500,000 uses, and a long-lasting battery life of up to 9 hours, with replaceable batteries. It meets the high-frequency and long-duration usage requirements of the manufacturing and transportation logistics industries. The product is competitively priced, similar to general wireless barcode scanners.

Product Feature

- 1.Ultra-Light & Ergonomic: Weighing only 67g—10–20% lighter than industry standards—with a compact ring design for hands-free use.
- 2.Extended Scanning Range: Captures barcodes up to 12 meters away, enabling accurate scanning from high shelves and distant labels.
- 3.Reliable Wireless Connectivity: Bluetooth® 5.0 and NFC quick pairing ensure fast, stable data transmission across multiple devices.
- 4.Hot-Swappable Battery: Easily replaceable battery supports continuous use, reducing downtime in high-demand operations.
- 5.Full-Shift Power: Operates up to 9 hours per charge, ensuring uninterrupted performance for warehouses and retail environments.
- 6.Seamless Software Integration: Supports Unitech ScanBridge Utility and Scanner SDK for enhanced device management and customization.

Category Award

Multi-Function High-Speed Wireless IC



Realtek Semiconductor Corp.
瑞昱半導體股份有限公司

[Company Website](#)



Winning Reason

The single-chip integration of WiFi 7, BT 6.0, 802.15.4 (Zigbee 3.0), and Open Thread offers multiple wireless functionalities, including dual Bluetooth and dual audio channels, and has passed AEC-Q100 certification, reducing the resources required for manufacturers to develop wireless products. With a single chip, it's now possible to develop products for PCs, TVs, gaming devices, automotive applications, and smart homes. The built-in Realtek WiCense feature uses an antenna for direct WiFi detection without pairing with a wireless AP. It also includes a Security Boot feature to protect the firmware. This is the industry's first chip to support WiFi 7, Dual Bluetooth, and Zigbee/Thread simultaneous usage.

Product Feature

The RTL8922D provides high-speed wireless connections with 802.11 a/b/g/n/ac/ax/be 2T2R technology and 20/40/80/160MHz bandwidth. By using Multi-Link Operation and dual-band connection, the 2.4GHz, 5GHz and 6GHz frequency bands can be flexibly configured for best performance. It supports Wi-Fi sensing and 802.11az to ensure stable wireless connections. Secure Boot technology ensures the device safe bootup. It supports Wi-Fi+BT+802.15.4 coexistence and is compatible with Zigbee 3.0 and Open Thread. Zigbee and Thread could work simultaneously. It supports up to 200 nodes suitable for smart home / IoT applications. Dual BT allows dual-channel SCO and A2DP audio streaming and supports BT6.0. It has high-power transmission and supports LE Audio for low-power and high-quality audio experience.

<https://bcaward.computex.biz/>

Category Award

NVIDIA DGX Spark



NVIDIA

NVIDIA Corporation

香港商輝達香港控股有限公司台
灣分公司

[Company Website](https://nvidia.com)

Winning Reason

1. NVIDIA DGX Spark brings powerful 1000 AI TOPS supercomputing capabilities to the user's desktop, allowing developers to easily handle large AI models without the need for a data center.
2. Featuring 128 GB of unified system memory, it enables developers to manage up to 200 billion parameters, fine-tune 70 billion parameters, and prototype, fine-tune, and infer AI models from DeepSeek, Meta, and Google, deploying them to data centers or the cloud.
3. Two DGX Sparks can be connected via NVIDIA's ConnectX-7 network to handle up to 405 billion parameters.
4. It can be directly connected to a monitor and mouse for use, or operated via network connection.

Product Feature

DGX Spark, formerly Project DIGITS, features the NVIDIA GB10 Grace Blackwell superchip combining the latest generation Blackwell GPU with a Grace CPU connected over NVIDIA's NVLink-C2C interconnect technology in a small form factor. The GB10 Blackwell GPU provides 6144 CUDA Cores and FP32 compute workloads, 5th generation Tensor cores that provide up to 1000 TOPS1 of FP4 AI performance, and 4th generation RT cores providing real time ray tracing acceleration. The GPU also includes 5th generation NVDEC and 9th generation NVENC engines, including support for 4:2:2 H.264 and H.265 video. The system features 128GB of coherent, unified LPDDR5x system memory. Accessible to both CPU and GPU, DGX Spark enables users to work with large workloads including AI models of up to 200 billion parameters.

Category Award

NVIDIA GeForce RTX 5090 GPU



NVIDIA

NVIDIA Corporation

香港商輝達香港控股有限公司台
灣分公司

[Company Website](https://www.nvidia.com)

Winning Reason

The NVIDIA GeForce RTX 5090 is the most powerful consumer-grade graphics card, featuring an innovative 2-slot slim design that allows the high-performance card to be installed in compact systems. The RTX 5090 uses Blackwell architecture and is equipped with 32GB of GDDR7 memory, providing exceptional AI computing power and complete ray tracing capabilities. With the latest DLSS 4 technology, it can efficiently handle the most complex games and creative tasks. Its groundbreaking 2-slot design not only reduces space requirements but also includes advanced dual-flow fans and liquid metal cooling technology, achieving outstanding cooling performance. This card's precise design and robust capabilities make it the top choice for gamers and creators.

Product Feature

The heart of the GeForce RTX 5090 is its Blackwell-architecture, which features 92 billion transistors and provides over 3,352 trillion AI TOPS of computing power. Its fifth-generation Tensor Cores & fourth-generation RT Cores deliver breakthroughs in AI-driven rendering, including neural shaders, digital human technologies, geometry and lighting. It also uses DLSS 4's Multi Frame Generation to boost frame rates by using AI to generate up to three frames per rendered frame. It works in unison with the suite of DLSS technologies to increase performance by up to 8x over traditional rendering, while maintaining responsiveness with NVIDIA Reflex technology. DLSS 4 also introduces the graphics industry's first real-time application of the transformer model architecture to improve games further.

<https://bcaward.computex.biz/>

Category Award

**NVIDIA Quantum-X Photonics
InfiniBand Switch Systems**



NVIDIA Corporation

香港商輝達香港控股有限公司台
灣分公司

[Company Website](https://nvidia.com)

Winning Reason

NVIDIA Quantum-X Photonics is a groundbreaking network technology that leverages the advantages of silicon photonics. By collaborating with leading manufacturers like TSMC, it provides the necessary bandwidth, scalability, and efficiency for building the next generation of large-scale AI factories. It features low power consumption, high scalability, rapid deployment, low latency, cost reduction, and easy maintenance. Supporting large-scale AI workloads, it accelerates AI innovation in research and applications by laying the foundation for building larger and more powerful AI clusters.

Product Feature

NVIDIA is revolutionizing networking for the era of agentic AI by introducing the NVIDIA Quantum-X Photonics switch, the world's first InfiniBand switch featuring co-packaged optics. NVIDIA co-packaged optics (CPO) replace the pluggable transceiver with optical engines that are situated on the same package as the switch application-specific integrated circuit (ASIC). The fiber plugs directly into the switch, and the optical engine processes the incoming data. These engines are made up of tightly coupled silicon photonics chiplets that enable light to travel over silicon. As a result of this design, the single-mode cable can connect directly to the package, eliminating the need for transceiver ICs and additional digital signal processor (DSP) retimers, which add power and latency penalties.

<https://bcaward.computex.biz/>

Category Award

P250Q M.2 SSD




TEAMGROUP

Team Group Inc.
十銓科技股份有限公司

[Company Website](https://www.teamgroup.com)

Winning Reason

Users can destroy their data by a physical button or an event trigger, choosing between software quick erase and hardware high-voltage breakdown methods to delete data from the SSD. This meets the requirements for sensitive data in specific fields such as military (e.g., drones), industrial control (e.g., operational secrets), and gaming. The solution features a patented independent destruction circuit design that only targets Flash chips. The SSD design requires pairing with the main control chip, making it technically challenging for unauthorized access.

Product Feature

1. Dual-Mode One-Click Data Destruction: Combines hardware and software erasure functions. The intelligent button triggers high-voltage hardware breakdown or software quick erase based on press duration, meeting diverse military and industrial demands.
2. Continuous Erasure Mechanism: Automatically resumes data destruction after power restoration if interrupted, ensuring complete removal and eliminating security risks.
3. Independent Secure Destruction Circuit: Patented independent destruction circuit precisely erases Flash ICs, enhancing stability.
4. High Performance and Large Capacity: Addresses military, industrial automation, and smart application needs.
5. Patented Technology: Protected by Taiwan Utility Patent (M662727), offering innovative design and multi-layered data protection.

<https://bcaward.computex.biz/>

Category Award

Predator XB323QX Gaming Monitor



Acer Incorporated
宏碁股份有限公司

[Company Website](#)



Winning Reason

Acer's Predator XB323QX gaming monitor combines cutting-edge technology with 5K high resolution and a high refresh rate. The monitor features a 31.5-inch IPS panel, offering a 5K ultra-high resolution of 5120 x 2880 and supporting a 144Hz refresh rate, delivering crystal clear image quality. With DFR technology, users can switch to WQHD (2560 x 1440) resolution and increase the refresh rate to 288Hz, meeting the needs of competitive gaming for a silky smooth display of the action. Add to that the 0.5ms gray-to-gray response time and NVIDIA G-Sync Pulsar technology for a further reduction in motion blur and screen tearing, and it's clear why this is the top choice for esports players.

Product Feature

The XB323QX redefines high-end gaming with cutting-edge technology and unparalleled performance. Featuring NVIDIA G-SYNC Pulsar, it delivers ultra-smooth gameplay with minimized tearing and stuttering. Its stunning 5K resolution ensures razor-sharp visuals, while the 144Hz refresh rate provides fluid motion. With Dynamic Frequency and Resolution (DFR), experience WQHD gaming at an incredible 288Hz for ultimate responsiveness. The monitor's DCI-P3 95% and sRGB 99% dual color gamut guarantees vibrant, true-to-life colors, making it a powerhouse for both gaming and content creation. The XB323QX sets a new benchmark for immersive visuals and precision gaming.

<https://bcaward.computex.biz/>

Category Award

Prestige 13 Ukiyo-e Edition

msi



Micro-Star International

微星科技股份有限公司

[Company Website](#)

Winning Reason

This high-end, distinctive model is part of the company's mainstream notebook series. The unique design features traditional Japanese Yamanaka lacquer craftsmanship through a collaboration with Okada Lacquerware, incorporating classic Japanese ukiyo-e artwork to attract domestic and international laptop users who are interested in art and fashion and pay attention to the latest designs and trends. The keyboard features gold-colored text and a piano key-like lacquer finish, combined with the company's logo and connection ports treated with a high-end gold finish, to elevate this laptop into high-end product territory. Bursting with top-notch hardware and software features, it's clear the company is targeting a specific market segment.

Product Feature

MSI has partnered with Okada-ya Shikki to launch the limited-edition Prestige 13 Ukiyo-e laptop. It features a magnesium-aluminum alloy chassis decorated with "The Great Wave off Kanagawa" using traditional Yamanakashikki technique. The laptop is less than 1.7 cm thick and weighs under 990 grams. Powered by the latest Intel® Core™ Ultra 9 processor, this laptop delivers high performance for daily tasks and content creation. Its 75 Whr battery lasts up to 24 hours and offers various I/O ports, including Thunderbolt 4, which supports PD charging. The laptop includes an IR 5MP webcam, a fingerprint sensor for secure login via Windows Hello, TPM 2.0 technology, and FIDO 2 for enhanced security. It also supports Wi-Fi 7 and Bluetooth 5.4.

<https://bcaward.computex.biz/>

Category Award

ROG Falcata Wireless Gaming Keyboard



Asustek Computer Inc.

華碩電腦股份有限公司

[Company Website](#)



Winning Reason

The innovative 75% split ROG gaming keyboard allows gamers more space to play. It features the ROG HFX magnetic axis V2 and Hall sensing technology, enhancing trigger precision to 0.01mm. The M703 model offers adjustable keyboard response speed and lighting. The new ROG SpeedNova increases polling rate to 8000Hz, and the wireless ROG keyboard has a battery life of up to 151 hours. The integrated four-layer cushioning design provides a softer feel when typing, absorbing key vibrations and reducing keystroke noise. The keyboard can be adjusted to different angles and inclinations to meet gamers' needs, ensuring smooth keystrokes and rapid feedback for the ultimate gaming experience.

Product Feature

M703 features a split keyboard design, allowing players to adjust placement for greater flexibility and more mouse space. Equipped with ROG HFX Magnetic Switches V2 and Hall sensor technology, it offers 0.01mm actuation precision for ultra-fast response and a refined keystroke feel, delivering a superior gaming experience. The multi-function wheel enables instant actuation, volume, and lighting adjustments without extra software. With ROG SpeedNova 8K wireless technology, M703 supports 8000Hz polling rate and extends battery life to 610 hours (RGB off) for exceptional stability. Beyond gaming, four-layer dampening foam reduces keystroke noise for a purer feel. The detachable wrist rest with an adjustable structure ensures ergonomic comfort for both gaming and everyday use.

<https://bcaward.computex.biz/>

Category Award

ROG Harpe II Ace Wireless
Gaming Mouse



Asustek Computer Inc.
華碩電腦股份有限公司

[Company Website](#)



Winning Reason

ROG's Harpe II Ace Wireless Gaming Mouse stands out for its innovation and uniqueness. This mouse utilizes new material technology to achieve an ultra-lightweight design while delivering high performance and full functionality. These groundbreaking features make it a pioneering example in the gaming industry.

Product Feature

ROG Harpe II Ace redefines competitive gaming with its ultra-light 48g wireless design, crafted from advanced bio-based nylon for durability and a superior grip. Co-developed with VALORANT champion Demon1, its shape supports palm and fingertip grips, ensuring exceptional control. The exclusive Zone Mode maximizes performance with an onboard switch, eliminating software reliance for instant competitive settings. A new anti-slip, skin-friendly coating enhances comfort, while enlarged PTFE feet with 2.5D edges reduce friction for effortless glide. Powered by ROG SpeedNova 8K wireless technology, it delivers an 8K Hz polling rate. With 2.4 GHz low-latency wireless, USB-C, and Bluetooth, it ensures rock-solid stability and elite-level precision for esports professionals.

<https://bcaward.computex.biz/>

Category Award

ROG Strix ACE Series Gaming Monitor



Asustek Computer Inc.

華碩電腦股份有限公司

[Company Website](#)



Winning Reason

ROG's Strix ACE series monitors offer a groundbreaking 610Hz refresh rate, designed specifically for gamers seeking extreme performance. With an ultra-low response time of 0.1ms and Extreme Low Motion Blur 2 technology, these monitors effectively eliminate motion blur, providing an unprecedented smooth visual experience. Their innovative Super-TN panels and ergonomic design further enhance user comfort. Additionally, they support multiple connectivity options and adaptive sync technology, making them the top choice for professional esports players.

Product Feature

ROG Strix Ace XG248QSG is the world's highest refresh rate gaming monitor, featuring a 24.5-inch FHD (1920x1080) display with a 610Hz refresh rate, providing ultra-smooth performance for competitive gaming. It boasts a 0.1ms response time, reducing input lag for higher accuracy. With variable refresh rate technology, it eliminates screen tearing and stuttering for a seamless experience. The monitor incorporates ELMB and dark enhancement technology for better visibility in dark scenes. Its blue light filter and flicker-free design reduce eye strain for long sessions. The ergonomic stand allows height adjustment, tilt, swivel, and pivot for the perfect viewing angle and gaming comfort.

<https://bcaward.computex.biz/>

Category Award

Swift Edge 14 AI



Acer Incorporated

宏碁股份有限公司

[Company Website](https://www.acer.com)

Winning Reason

Swift Edge 14 AI, part of Acer's mainstream product series, features an OLED touch screen with anti-glare and anti-reflection capabilities. Its lightweight design is complemented by the powerful Intel® Core Ultra (Series 2) processor, catering to business users who prioritize high productivity. The laptop's appearance is sleek and elegant, balancing aesthetics and performance, showcasing the product's refined value. Additionally, it is equipped with a skin-friendly keyboard, treated through various curing processes to create a delicate, smooth, and elastic coating, providing a comfortable and warm touch. This coating also offers excellent wear resistance and stain resistance, making the product more durable.

Product Feature

Sleek and stylish: The Swift Edge 14 AI weighs under 1 kg and has a thickness of only 9.6 mm. Its minimalist design makes it perfect for carrying around with you. The keyboard is skin-friendly to let users enjoy the typing experience.

High-performance: Equipped with an Intel Core Ultra series processor and an Intel AI Boost chip, the Swift Edge 14 AI is well suited for handling AI tasks, delivering robust overall performance.

Perfect display: The Swift Edge 14 AI features a 14-inch 3K OLED touchscreen with a 120 Hz refresh rate. It supports 100% DCI-P3 color gamut and DisplayHDR True Black 500 certification, providing exceptional visual quality—ideal for entertainment purposes. The touchscreen has anti-glare and anti-reflection features to sustain usage time.

Sustainable Tech Special Award

Aspire Vero 16



Acer Incorporated

宏碁股份有限公司

[Company Website](#)



Winning Reason

- 1 Promises carbon neutrality
- 2 Uses 70% PCR materials
- 3 Uses bio-based oyster shell material to reduce plastic use
- 4 Uses ocean-bound plastic in its touchpad
- 5 Has EPEAT Gold certification.

Product Feature

The Aspire Vero 16 achieved an eco-milestone by utilizing over 70% PCR plastics (Post-Consumer Recycled) and bio-based oyster shell material, while retaining durability (MIL-STD-810H certified), ensuring a longer device lifespan better equipped to handle everyday wear and tear. PCR plastics are the result of transforming used plastics into fresh, innovative materials. Discarded oyster shells are recycled into natural biological materials, replacing some petrochemical plastic raw materials. This helps reduce carbon emissions and energy consumption associated with mining petrochemical resources. With a paint- and Volatile Organic Compounds (VOC)-free surface, and a touchpad crafted from reclaimed ocean-bound plastic, the Aspire Vero 16 seamlessly blends design and eco-conscious innovation.

<https://bcaward.computex.biz/>

Sustainable Tech Special Award

Cubi NUC AI Series

msi



Micro-Star International

微星科技股份有限公司

[Company Website](#)

Winning Reason

1. Manufactured using a significant amount of renewable energy and includes a Power Meter function to allow users to understand their power consumption needs and further enhance carbon reduction efforts.
2. Continued progress towards a paperless word by replacing the user manual with a QR code.
3. Features a circular economy business model, with leasing of new products in the United States, Germany, and Australia.
4. Achieved a high score for EPEAT Silver certification.
5. Uses 47.8% PCR materials.

Product Feature

The Cubi NUC is a mini, powerful, and sustainable device that prioritizes safety. Its mini chassis allows it to be easily mounted on wall or behind a screen. The device features an Intel Core Ultra 9 processor, fingerprint security design, dual-channel DDR5 memory, Thunderbolt 4, and an exclusive MSI AI Engine that enhances user efficiency. MSI AI Assistance employs local AI computing to secure user information, protect private data, and boost work efficiency. The Power Meter software helps users save energy, estimate carbon emissions and electricity bills, and even convert carbon emissions to trees, promoting sustainable development. Cubi NUC is the ultimate solution for meeting users' needs for efficiency, safety, and convenience whether it is used in an office or in various industries.

<https://bcaward.computex.biz/>

Sustainable Tech Special Award

i-Ctrl AirMaster



AIFA TECHNOLOGY CORP.

艾法科技股份有限公司

[Company Website](#)

Winning Reason

This product boosts cooling efficiency through its effective integration of air conditioning and fans, while its use of sensors and AI scheduling also improves energy efficiency. This solution can combine with Taipower's demand response mechanism to help contribute to national energy stability. With all these features, it excels in innovation, resource integration, energy saving, and carbon reduction.

Product Feature

- 1.The Smartest AC Remote: Real-time AC status sync, ensuring remote control and preventing energy waste.
- 2.AC + Fan Smart Linkage: Supports 5000+ AC brands and various fan types, optimizing comfort and efficiency.
- 3.AI Climate Sensing: Built-in temperature & humidity sensor, AI auto-adjustment for ideal cooling.
- 4.Wi-Fi Ambient Light: Stepless dimming, adjustable via App/touch control, with sleep mode.
- 5.GPS-Based Automation: Auto-off when leaving, auto-on when arriving, saving energy.
- 6.Multi-Voice Assistant Support: Works with Siri, Google Assistant, and Alexa.
- 7.Matter Compatibility: Seamless smart home integration.
- 8.Low Power Design: Energy-saving architecture extends device lifespan. Enjoy a smarter, greener, and more efficient lifestyle.

Sustainable Tech Special Award

ROG Harpe II Ace Wireless
Gaming Mouse



Asustek Computer Inc.
華碩電腦股份有限公司

[Company Website](#)



Winning Reason

1. The casing is made with bio-based castor oil synthetic materials, ensuring that it does not compete with food crop cultivation.
2. Packaging materials are completely plastic-free.
3. Ultra-lightweight design, reducing material usage.
4. 70% reduction in overall material carbon emissions.

Product Feature

ROG Harpe II Ace redefines competitive gaming with its ultra-light 48g wireless design, crafted from advanced bio-based nylon for durability and a superior grip. Co-developed with VALORANT champion Demon1, its shape supports palm and fingertip grips, ensuring exceptional control. The exclusive Zone Mode maximizes performance with an onboard switch, eliminating software reliance for instant competitive settings. A new anti-slip, skin-friendly coating enhances comfort, while enlarged PTFE feet with 2.5D edges reduce friction for effortless glide. Powered by ROG SpeedNova 8K wireless technology, it delivers an 8K Hz polling rate. With 2.4 GHz low-latency wireless, USB-C, and Bluetooth, it ensures rock-solid stability and elite-level precision for esports professionals.

<https://bcaward.computex.biz/>

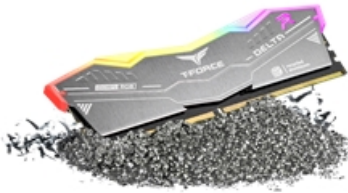
Sustainable Tech Special Award

**T-FORCE DELTA RGB ECO DDR5
DESKTOP MEMORY**


TEAMGROUP

Team Group Inc.
十銓科技股份有限公司

[Company Website](#)



Winning Reason

The product uses recycled materials, including PCR plastic and recycled aluminum, while also employing raw aluminum and laser engraving to avoid printing. It also features patented circuits designed to reduce power consumption. The company's use of eco-friendly materials combined with energy-saving measures has resulted in excellent environmental protection and carbon reduction achievements.

Product Feature

- 1.The World's First Eco-Friendly RGB Overclocking DDR5 Gaming Memory.
- 2.FSC-Certified Eco-Friendly Paper Packaging, Reducing Environmental Impact.
- 3.Dual-Mode Quick Overclocking: Supports Intel XMP 3.0 and AMD EXPO. Fully tested with ASRock, ASUS, BIOSTAR, GIGABYTE, and MSI motherboards for seamless performance on both platforms without needing new memory.
- 4.RGB Intelligent Control Chip: Supports various lighting control software for personalized effects.
- 5.On-die ECC for Enhanced System Stability and Reliability.
- 6.Innovative Circuit Design Patent: Reduces power consumption and heat (Taiwan Patent: I842298; US Patent: US12111715B2).
- 7.Patented IC Grading Method Ensures Memory Durability and Compatibility (Taiwan Patent: I751093; US Patent: US11488679B1)

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Sustainable Tech Special Award

TravelMate P6 14 AI



Acer Incorporated

宏碁股份有限公司

[Company Website](#)



Winning Reason

This product has received EPEAT Gold certification and reduces plastic usage by incorporating PCR plastic materials, aligning with international trends in plastic reduction. Additionally, it offers a circular economy product leasing model, effectively enhancing product recycling and extending its lifespan. This laptop delivers both high performance and excellent sustainability.

Product Feature

The World's First 45 TOPS NPU Copilot+ PC Laptop under 1 kg – The TravelMate P6 14 AI redefines business computing with Intel® Core Ultra processors and on-device AI, ensuring enhanced security, privacy, and productivity. Acer Assist AI offers local chatbot functionality, reducing cloud-related risks. AI-powered conferencing features like Portrait Refinement, Gentle Lighting, and Super Sharp optimize remote collaboration. Aerospace-grade carbon fiber keeps it ultra-lightweight yet durable. A 16:10 WQXGA display and Acer PurifiedVoice™ 2.0 enhance visuals and audio. EPEAT & TCO certified, it champions sustainability with recycled materials and 100% recyclable packaging.

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