



超恩股份有限公司

- 負責人：蔡能吉
- 網址：www.vecow.com
- 地址：235 新北市中和區建康路10號3樓
- 電話：02-2268-5658

企業沿革

- 2010年 ● 公司成立
- 2012年 ● 發表全球第一台四核心無風扇工業電腦 ECS-5600
- 2015年 ● 極精巧工業電腦 SPC-2845 榮獲 Best Choice Award
- 2016年 ● 通過經濟部科專 SBIR 創新研發計畫
● 發表 IVH-9000 產品正式切入軌道交通市場
- 2018年 ● 加入樺漢集團
- 2019年 ● 榮獲第六屆鄧白氏中小企業菁英獎
● 成立 VHub 軟硬體整合平台
- 2020年 ● 擴增產品線正式發展 ARM 架構嵌入式系統
● 榮獲第七屆鄧白氏中小企業菁英獎
● 榮獲 Intel Asia ISA Award
- 2021年 ● 榮獲 Microsoft Azure 雲平台認證

主要產品

- 嵌入式系統
- 嵌入式周邊
- VHub 一站式智慧方案服務與客製化專案服務

企業簡介

超恩主要從事強固型嵌入式電腦產品設計、研發、製造、行銷與銷售。超恩的產品與服務包括嵌入式系統、AI 深度學習專用系統、車載電腦、嵌入式單板電腦、工業級觸控式電腦、工業級觸控式螢幕、嵌入式系統用擴充卡、嵌入式周邊、VHub 一站式智慧方案服務與客製化專案服務。

超恩是嵌入式系統的專家，團隊具備多年工業電腦產品設計、研發、製造、行銷、銷售與售後服務經驗；超恩的產品與服務以優異的系統效能、可靠的系統穩定度、高度整合的產品功能與規格配備、強固級產品設計與用料、使用者需求為考量的設計思維、以及富彈性的客製化服務見長。在全球自動駕駛 (Autonomous Car)、軌道交通 (Rolling Stock)、機器人控制 (Robotic Control)、公共安全 (Public Security)、智慧工廠 (Smart Automation) 和智能交通 (Traffic Vision) 等應用領域，超恩有著領先的市場地位。



國際競爭力

一、超恩在產品銷售以及行銷策略上秉持著建立生態系的方式與上下游合作夥伴進行策略結盟，並以機動式的策略靈活的執行銷售以及產品專利研發以建立公司穩健成長的護城河。

VECOW CO., LTD.

- Owner: Nelson Tsai
- Website: www.vecow.com
- Address: 3F, No. 10, Jiankang Rd., Zhonghe Dist., New Taipei City 235, Taiwan
- Tel: +886-2-2268-5658

第24屆 小巨人獎
出口績優中小企業
The 24th Rising Star Award



Business Items

- Embedded Systems, Embedded Peripherals, One-stop VHub AIoT Solution Service, Customized design and manufacturing services.

History

- 2010 • Vecow was established in Taipei, Taiwan
- 2012 • Vecow launched the world's first quad-core fanless embedded system ECS-5600
- 2015 • Vecow SPC-2845 Ultra-compact Embedded System won "Best Choice" in 2015 Computex
- 2016 • Vecow was awarded Small Business Innovation Research (SBIR)
• Vecow launched IVH-9000 Embedded System designed for Rolling Stock application
- 2018 • Vecow is the subsidiary of Ennoconn, a member of Foxconn Technology Group
- 2019 • Vecow was awarded 2019 D&B Top 1000 Elite SME Award
• Vecow launched VHub AIoT Solution Platform
- 2020 • Vecow expands ARM-based embedded system product portfolio
• Vecow was awarded 2020 D&B Top 1000 Elite SME Award
• Vecow was awarded for Intel ISA Award
- 2021 • Vecow products certified Microsoft Azure Cloud Services



Introduction

Vecow is a team of global embedded experts. We are dedicated to designing, developing, producing, and selling industrial-grade computer products. All of our products are leading in performance, trust in reliability, exhibit advanced technology, and innovative concepts.

Vecow offers AI-ready Inference Systems and Solutions, AI Computing Systems, Fanless Embedded Systems, Vehicle Computing Systems, Robust Computing Systems, Single Board Computers (SBC), Industrial Motherboards, Multi-Touch Computers, Multi-Touch Displays, Frame Grabbers, Embedded Peripherals and Design & Manufacturing Services with leading performance, trusted reliability, advanced technology, and innovative concept.

Vecow aims to be your trusted embedded business partner. Our experienced service team is dedicated to creating and maintaining strong partnerships and one-stop integrated solutions. Our services are specific and consider each partner's unique needs in regards to Machine Vision, Autonomous Car, Robotic Control, Rolling Stock, Public Surveillance, Traffic Vision, Smart Automation, Deep Learning, and any AIoT/Industry 4.0 applications.



- 二、提供少量多樣的客製化服務協助客戶取得成功外，更整合了上下游的供應商，以協助加速產業轉型與降低客戶開發成本。透過軟硬體整合增加產品組合並進一步從過去被動式了解市場需求的模式優化為主動式領導市場走向的良性循環。
- 三、持續研發多種新專利，遵循各種應用領域要求之規範標準：鐵道認證EN50155、海事認證EN60945、歐盟防火規範EN45545-2等...，企圖為客戶取得市場優勢與商業先機。

營運管理

- 一、超恩主張在地化設計及生產再行銷到全球，透過建立生態系統的方式向客戶提供穩定且具高信賴度的產品。超恩專注的研發團隊與高熱忱的業務團隊，秉持著客戶導向的服務精神，傾聽客戶需求，以迅速及優質的技術服務，協助系統整合商縮短開發時程，增加其解決方案及服務價值。
- 二、超恩以工業電腦硬體商起家，持續以專注的精神提升產品設計、製造品質與技術服務，深耕於機器視覺、智慧製造、工業自動化等相關工控應用市場，掌握市場發展方向並發展軟硬體整合之一站式解決方案，以成為系統整合商的長期發展合作夥伴為目標。
- 三、嚴謹的風險管理與遵循內稽內控機制，以及透明且即時的溝通管道，企業持續穩健成長。

社會責任

- 一、因應地球暖化危機，超恩在新產品設計和產品用料上將減碳列為一重要課題，以實現超恩對環境永續及社會責任之承諾。
- 二、關懷員工定期實施健康檢查與設立多樣運動社團；不定期舉辦淨灘、捐血等有關社會公益之活動。
- 三、遵守相關勞動法規與維護員工權益，打造友善的工作環境，期許超恩成為幸福企業。



綜合評語

- (1) 主要出口工業電腦至美國、德國及中國大陸等市場，近年出口持續成長，未受疫情影響，且跨足軟硬體整合系統、機器視覺與 AI 應用，具市場競爭力。
- (2) 提供一站式工業物聯網解決方案系統，使用最新技術整合上游晶片供應商通路及下游之解決方案，透過建立產業生態系方式，加速產業轉型速度。
- (3) 取得多項專利，符合國際大廠需求，具有國際競爭力，重視顧客管理，能針對客訴問題進行處理。
- (4) 重視員工福利與權益，提供合宜工作環境，且積極參與社會公益，雇用身障人士，重視企業形象。



Export Competitiveness

- I. In terms of product sales and marketing strategy, Vecow adheres to build up an ecosystem approach to strategic alliances with upstream and downstream partners and adopts mobile strategies to flexibly execute sales and product patent research and development to establish a moat for the company's steady growth.
- II. Vecow offers customized products and services and helps customers integrate supply chains to speed solution deployments; as a result, reducing total cost ownership for customers. Through software and hardware integration to expand the product portfolio, Vecow further optimizes the business model from the passive understanding of market demand to proactively leading the market.
- III. Vecow is dedicated to designing new patents, abiding by norms and standards required by industry application fields: EN50155, EN60945, EN45545-2, etc. to obtain business advantages and opportunities for customers.

Operation Management

- I. Vecow has product designs and manufacture in Taiwan and sells products/solutions globally. We provide trusted embedded solutions through building a solid ecosystem with our customers/partners. Vecow RD team and experienced sales team are customer-centric in mind to consider each partner's unique needs. Vecow offers fast services and cutting-edge technology to help system integrators faster time-to-market and add-valued to service and solutions.
- II. Vecow started as an industrial PCs provider and is continuously focusing on improving product design, manufacturing, and technical services in the fields of machine vision, smart manufacturing, industrial automation, and other embedded markets. Vecow aims to be your long-term partner by grasping the market development direction and delivering one-stop hardware and software solutions.
- III. Vecow follows rigorous risk management and compliances with internal audit and internal control mechanisms, along with transparent and effective communication channels, enabling our business continues to grow steadily.

Social Responsibility

- I. Global climate change is Vecow's top environmental concern. Therefore, the Vecow team develops new products and sourcing product materials that can reduce greenhouse gas emissions.
- II. Vecow believes that regular health checks and sports teams are important parts of the company's commitment to take care of employees. Vecow also organizes beach cleanup and blood donation activities.
- III. Vecow follows Taiwan's Labor Standards Act and protects employees' rights. Vecow has built a friendly workplace and expected Vecow as a happiness company by employees.

