

凌航科技股份有限公司

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企業沿革

- 1998 年 凌航科技成立，主要研發、設計 Smart Card。
- 2007 年 引進新經營團隊，投入 DRAM 產業。
本年度起，連年榮獲經濟部進出口績優廠商獎。
- 2009 年 股權移轉及組織重組。
- 2010 年 取得國際大廠長期代工合約。
- 2012 年 建置南美洲之生產方案。
- 2015 年 進軍國際系統整合 (SI) 市場。
- 2017 年 成立自有品牌 Neo Forza。
- 2018 年 榮獲鄧白氏第五屆中小企業菁英獎。
獲兩大國際知名電競筆電採用。
- 2019 年 記憶體方案導入南亞區 (印度) 系統品牌廠。
- 2021 年 榮獲鄧白氏第八屆中小企業菁英獎。
投入類工控、工控產品應用。
股票公開發行，興櫃掛牌買賣交易，股票代號 3135。
- 2022 年 拓展嵌入式寬溫相關產品。
深化 DDR4 產品之應用 (寬溫伺服器產品)。
深化 DDR5 產品之應用 (超高頻 RGB 記憶體)。
取得 ISO 9001:2015、ISO 14001:2015、ISO 45001:2018 認證。

- 獲得 Dell 伺服器記憶體認證。
- 2023 年 攜手 SECO 合作工業物聯網技術。
獲得經濟部開發國際市場補助計畫。
- 2024 年 榮獲國家品牌玉山獎一傑出企業類全國首獎。
- 2025 年 股票上市。
榮獲鄧白氏第十二屆中小企業菁英獎。
榮獲金炬獎年度十大企業。
榮獲第二十八屆小巨人獎。
企業新總部啟用。

主要產品

記憶體 IC、快閃記憶體 IC、記憶體模組、儲存產品

企業簡介

凌航科技 Goldkey 成立於 1998 年，為全方位記憶體及儲存產品的設計／生產／製造商，同時經營品牌、ODM 代工及國際系統整合市場，主要產品包括：DRAM IC、記憶體模組、FLASH IC、快閃記憶體模組。

秉持「效能、品質、創新」的經營理念，凌航建立完善的營運管理制度，透過策略規劃、數據管理與團隊協作，優化流程效率與跨部門協作機制，持續強化企業競爭力，在全球市場中穩健成長，更在 2021 年興櫃掛牌，2025 年成功上市。

凌航持續以領先業界之新技術，打造符合市場競爭力產品，並通過多項 ISO 認證，落實綠色製程、環境永續理念，致力成為一站式記憶體整合服務之領航者。

出口實績及國際競爭力

- ① 整體出口營收從 111 年度新台幣 15 億元，成長至 113 年度 30 億元，三年間翻倍成長，年均成長率超過 40%，反映出產品具備高度國際競爭力。
- ② 出口營收比重，111 年度為 41.9%，112 年度提升至 58.1%，113 年度維持高檔至 56.13%，營收結構逐步轉向以出口為主，成功轉型為具備全球營運能力的科技企業。
- ③ 精準的 IC 測試分類運用技術與測試能力：極佳產品效能與可靠品質，滿足不同客戶屬性需求。
- ④ 專利屏障建構：專注於硬體產品穩定性 (如散熱技術)，形成一定的技術應用保護，為產品在市場競爭中提供差異化優勢。
- ⑤ 與國際 IC 原廠策略合作：原廠長期合作，取得優先供料與技術支援。

營運管理與績效

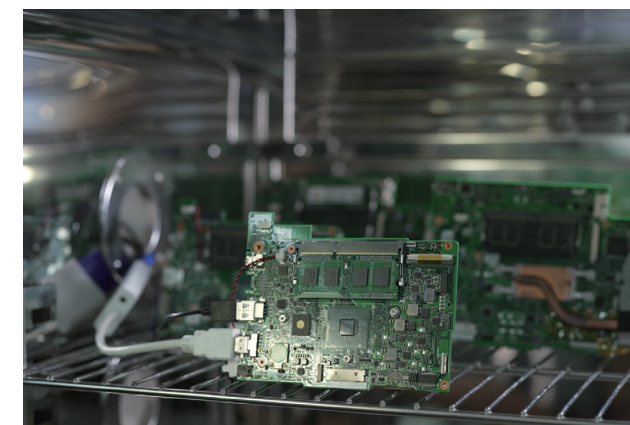
- ① 供應鏈管理：與全球主要原材料供應商和製造商建立密切合作關係，確保原材料供應的穩定性和產品質量的一致性。透過供應鏈整合與靈活採購策略，精準管理庫存與成本結構，維持穩定的營運獲利。
- ② 品質管理：取得 ISO 9001、ISO 14001 和 ISO 45001 等認證，建立涵蓋品質、環境與職安衛的整合管理架構。
- ③ 公司治理：建立有效的監督機制，包括獨立董事及審計委員會、薪酬委員會、永續委員會，提升資訊透明度。
- ④ KPI 與績效評核制度：設立部門與個人年度關鍵績效指標，每半年檢視執行成效，與獎酬制度連動，建立結果導向的管理文化，鼓勵目標導向與團隊合作。

永續經營

- ① 環境 (E)：
 - 產品符合 RoHS 標準，降低使用對環境有害物質。
 - 優化生產流程，延長產品生命週期，減少能源消耗。
 - 使用環保餐具、落實垃圾分類。
 - 發起愛地球志工日，一同淨灘。
- ② 社會 (S)：
 - 員工福利優於業界，包含定期健康檢查、內部教育訓練與職涯輪調制度。
 - 積極參與公益，長期贊助獨居老人物資、主動採購公益團體產品，推動在地關懷行動。
 - 推廣多元與友善的職場文化，設立員工關懷信箱、投入教育資源捐助。
 - 定期舉辦勞資會議，保持溝通管道暢通。
- ③ 治理 (G)：
 - 四席獨立董事，超過董事會成員二分之一，並設置審計委員會、薪酬委員會、永續委員會等，落實企業內部監督與風險控管。
 - 提供利害關係人專屬聯繫管道。
 - 官網設置投資人專區，即時公開重大資訊。

綜合評語

- 1. 具備精準 IC 等級分類與測試技術、滿足高端客戶多元的應用場域，提供 DRAM/FLASH 一站式服務。
- 2. 擁有超高頻領先技術及彈性定價能力，掌握客戶需求，整合核心技術與上游資源服務客戶。
- 3. 重視環境友善，CSR 之實踐，新廠辦符合銀級綠建築指標，並藉由導入 ERP、BPM 系統，減少 40% 用紙量。



GOLDKEY TECHNOLOGY CORPORATION

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History

- 1998 Goldkey Technology was founded, focusing on the research and design of Smart Card solutions.
- 2007
 - A new management team was introduced, marking the company's entry into the DRAM industry.
 - Received the "Outstanding Import & Export Enterprise Award" from Taiwan's Ministry of Economic Affairs — an honor that has been earned for consecutive years.
- 2009 Completed equity transfer and organizational restructuring.
- 2010 Secured a long-term ODM manufacturing contract with a major international company.
- 2012 Established production solutions in South America.
- 2015 Expanded into the international System Integration (SI) market.
- 2017 Launched Neo Forza, the company's own consumer and gaming brand.
- 2018
 - Honored with the 5th Dun & Bradstreet SME Elite Award.
 - Neo Forza memory products adopted by two world-renowned gaming laptop brands.
- 2019 Introduced memory solutions to major system brands in the South Asia region (India).
- 2021
 - Received the 8th Dun & Bradstreet SME Elite Award.
 - Entered the industrial and semi-industrial

application markets.

- Publicly issued shares and became listed on the Emerging Stock Board (ticker: 3135).

- 2022
 - Expanded into embedded wide-temperature product lines.
 - Enhanced DDR4 product applications for wide-temperature server systems.
 - Advanced DDR5 product development, launching ultra-high-frequency RGB memory modules.
 - Achieved ISO 9001:2015, ISO 14001:2015, and ISO 45001:2018 certifications.
 - Certified as an official Dell server memory supplier.
- 2023
 - Partnered with SECO to advance Industrial IoT technology.
 - Awarded funding from the Ministry of Economic Affairs for international market development.
- 2024 Received the National Brand Yushan Award – Grand National Prize for Outstanding Enterprise.
- 2025
 - Successfully listed on the Taiwan Stock Exchange (TWSE).
 - Won the 12th Dun & Bradstreet SME Elite Award.
 - Honored as one of the Top 10 Enterprises of the Golden Torch Award.
 - Received the 28th Rising Star Award.
 - Official inauguration of the company's new headquarters.

Business Items

DRAM IC, FLASH IC, DRAM MODULE, STORAGE PRODUCT

Introduction

Goldkey Technology, founded in 1998, is a comprehensive designer and manufacturer of memory and storage products. It operates across multiple segments, including its own brand Neo Forza, ODM services, and international system integration, offering a full range of DRAM ICs,

memory modules, Flash ICs, and storage solutions. Guided by the philosophy of efficiency, quality, and innovation, Goldkey has developed a strong operational system, optimizing processes and team collaboration to maintain steady global growth. Listed on Taiwan's Emerging Stock Board in 2021 and Taiwan Stock Exchange in 2025, the company combines advanced technology with sustainable practices, holding multiple ISO certifications and aiming to be a leading one-stop provider of integrated memory solutions.

Export Competitiveness

- ① Strong Export Growth
Export revenue doubled from NT\$1.5 billion in 2022 to NT\$3 billion in 2024, with an average annual growth rate exceeding 40%.
- ② Increasing Export Share
Export ratio increased from 41.9% in 2022 to 58.1% in 2023, staying high at 56.13% in 2024. This steady shift highlights Goldkey's successful transformation into a globally competitive technology company.
- ③ Advanced IC Testing and Classification
Goldkey employs sophisticated IC testing, classification, and analysis to ensure high product performance and reliability, meeting diverse global customer needs.
- ④ Patent Protection and Technological Differentiation
The company has established a strong patent barrier focusing on hardware stability, including innovative thermal dissipation technologies, to protect product innovation and maintain market competitiveness.
- ⑤ Strategic Collaboration with Global IC Manufacturers
Long-term partnerships with leading international IC suppliers provide priority access to materials and technical support, enhancing supply chain resilience and technological development.

Operation Performance Management

- ① Supply Chain Management
Neo Forza has established close partnerships with leading global suppliers and manufacturers to ensure stable material supply and consistent product quality.
- ② Quality Management
The company has obtained ISO 9001, ISO 14001, and ISO 45001 certifications, building an integrated management framework that encompasses quality,

environmental protection, and occupational health and safety.

- ③ Corporate Governance
An effective oversight mechanism has been established through independent directors and specialized committees—including the Audit, Remuneration, and Sustainability Committees—to enhance transparency and accountability across the organization.
- ④ KPI and Performance Evaluation System
Departmental and individual key performance indicators (KPIs) are set annually, with biannual reviews to assess execution and align with the reward system.

Sustainable Management

- ① Environment
 - All products comply with RoHS standards to minimize the use of environmentally hazardous substances.
 - We continuously refine our production processes to extend product life cycles and reduce energy consumption.
 - Eco-friendly tableware is used daily, and strict waste sorting is enforced.
 - Employees participate in environmental activities like beach clean-ups to protect Taiwan's coastlines.
- ② Social
 - Employee welfare exceeds industry standards with regular health check-ups, continuous training, and career rotation.
 - Active in social initiatives, sponsoring elderly living alone, supporting social enterprises, and community projects.
 - By fostering a diverse and inclusive workplace, we have established an employee care mailbox and invested in educational donations to support lifelong learning.
 - Regular labor-management meetings ensure open communication and a harmonious working environment.
- ③ Governance
 - More than half of our board members (four) are independent directors, ensuring sound oversight and transparent decision-making.
 - Through the establishment of Audit, Remuneration, and Sustainability Committees, we uphold strict internal control and risk management mechanisms.
 - We maintain dedicated communication channels for all stakeholders and an investor relations section on our official website to ensure timely disclosure of material information.