

研揚科技股份有限公司 AAEON Technology Inc.

業績發表會



股票代號
6579

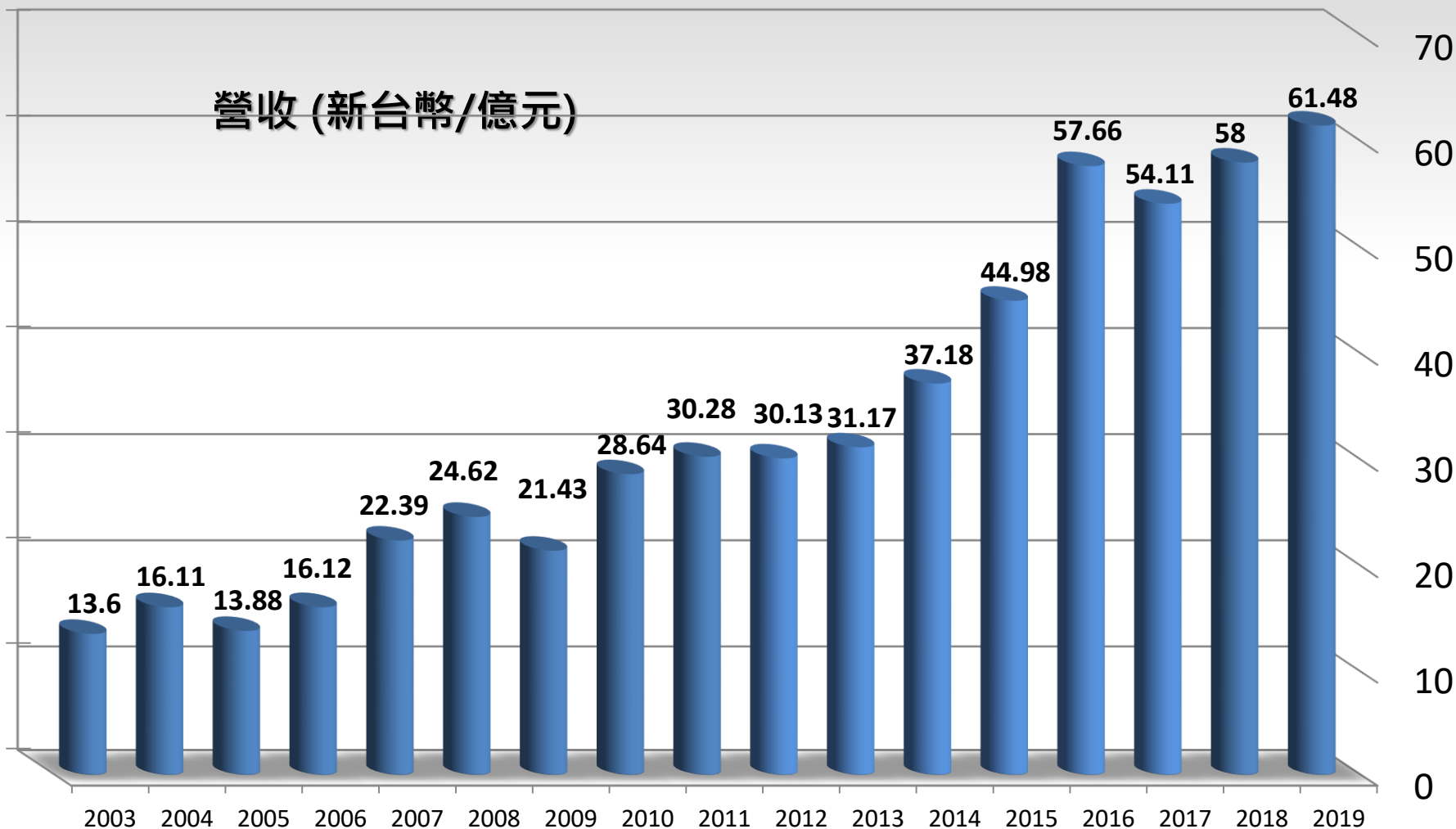


報告人：林建宏 總經理

2020.11.26

研揚營收表現

營收 (新台幣/億元)

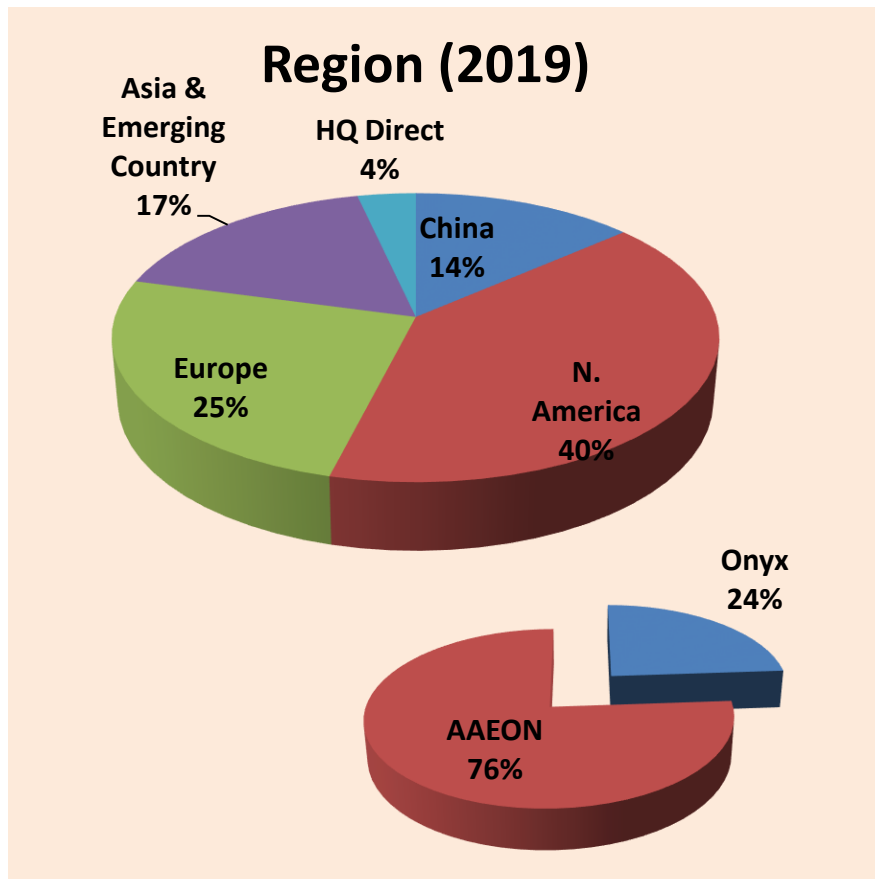
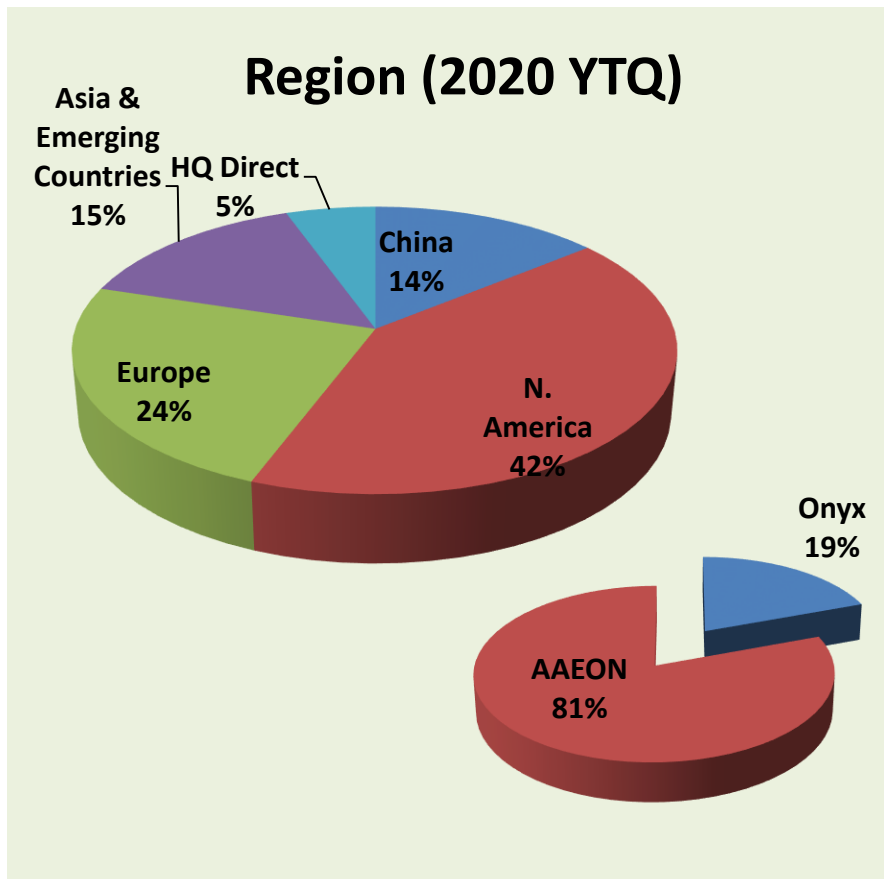


第三季財報

單位：新台幣仟元

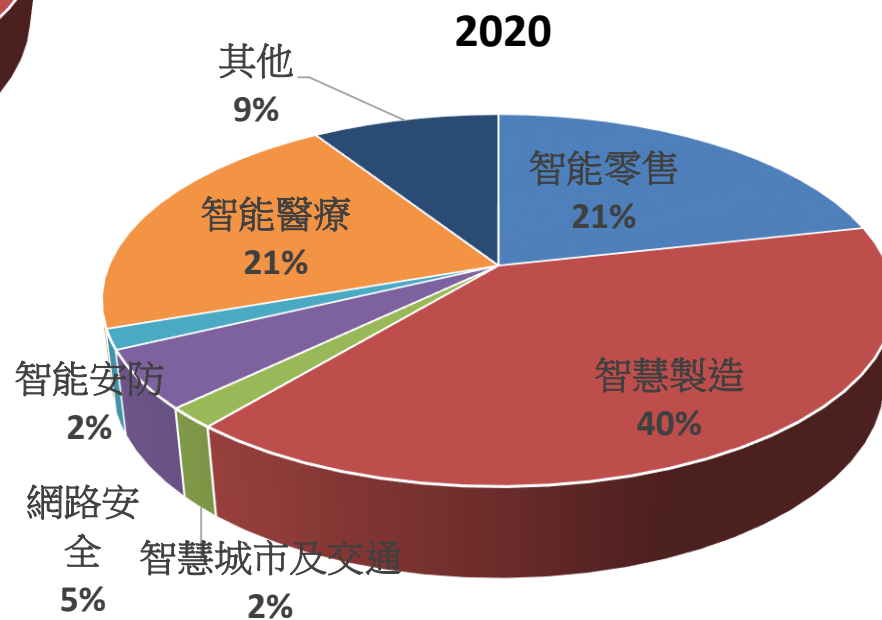
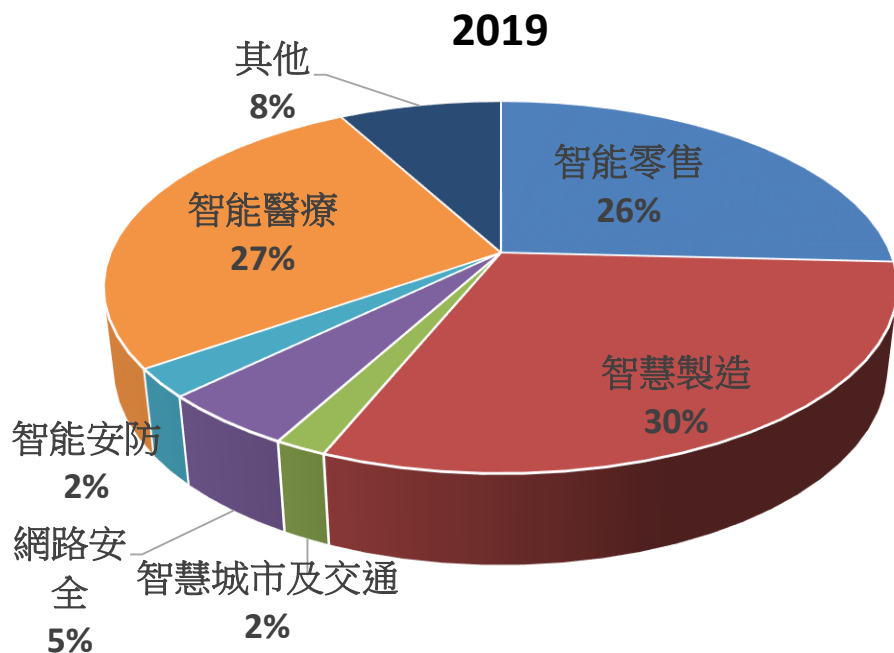
季 度 / 項 目	109年Q3	109年YTDQ3	108年YTDQ3	成長%
營業收入	1,486,895	4,487,421	4,577,011	-2%
營業成本	1,040,934	3,056,738	3,069,813	
營業毛利	445,961	1,430,683	1,507,198	-5.1%
毛利率	30%	32%	33%	
營業費用	308,839	970,172	992,182	-2.2%
營業費用率	21%	22%	22%	
營業損益	137,122	460,511	515,016	-10.6%
營業外收入及支出	(23,700)	(42,190)	70,312	-160%
稅前淨利	113,422	418,321	585,328	-28.5%
所得稅(費用)利益	(23,469)	(103,748)	(124,493)	
本期淨利(損)	89,953	314,573	460,835	-31.7%
淨利歸屬於母公司業主權益	71,013	267,666	368,371	-27.3%
淨利歸屬於非控制權益	18,940	46,907	92,464	
每股盈餘(基本)	0.66	2.51	3.45	

研揚區域營收

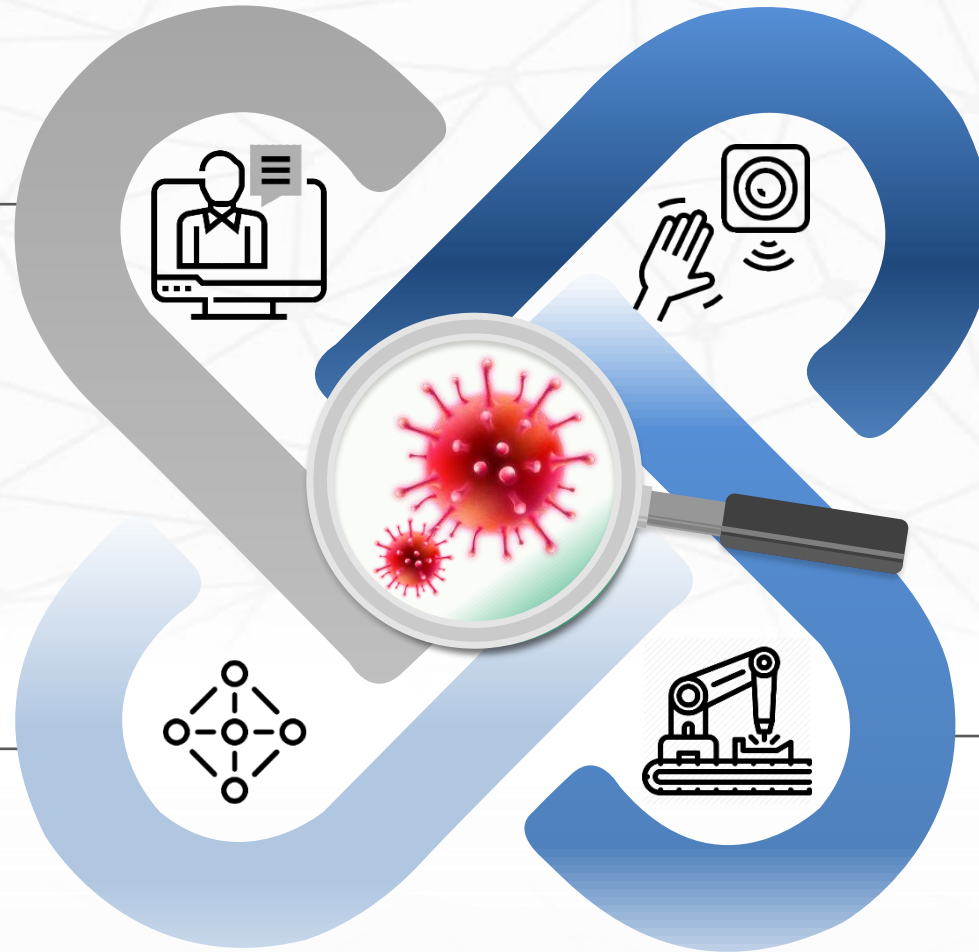


Region	AAEON Group	AAEON	Onyx	N. America	Europe	China	Asia & Emerging Countries
Growth %	1%	7%	-18%	9%	-4%	10%	2%

垂直市場分佈



COVID-19 改變全世界



ON-LINE & REMOTE

- Work from Home
- Delivery
- Video Conference



TOUCHLESS

- Voice & Gesture Recognition
- Self-Service



DECENTRALIZE

- Production and Offices Spread in Different Locations



INTELLIGENCE

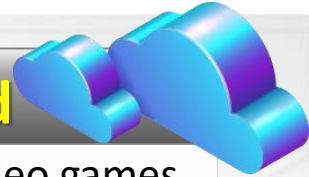
- Unmanned Factory
- Autonomous Car
- Service Robot



5G 正在改變我們的生活



Connecting between **Edge** and **Cloud**



Cloud service will be more and more powerful, i.e. video games

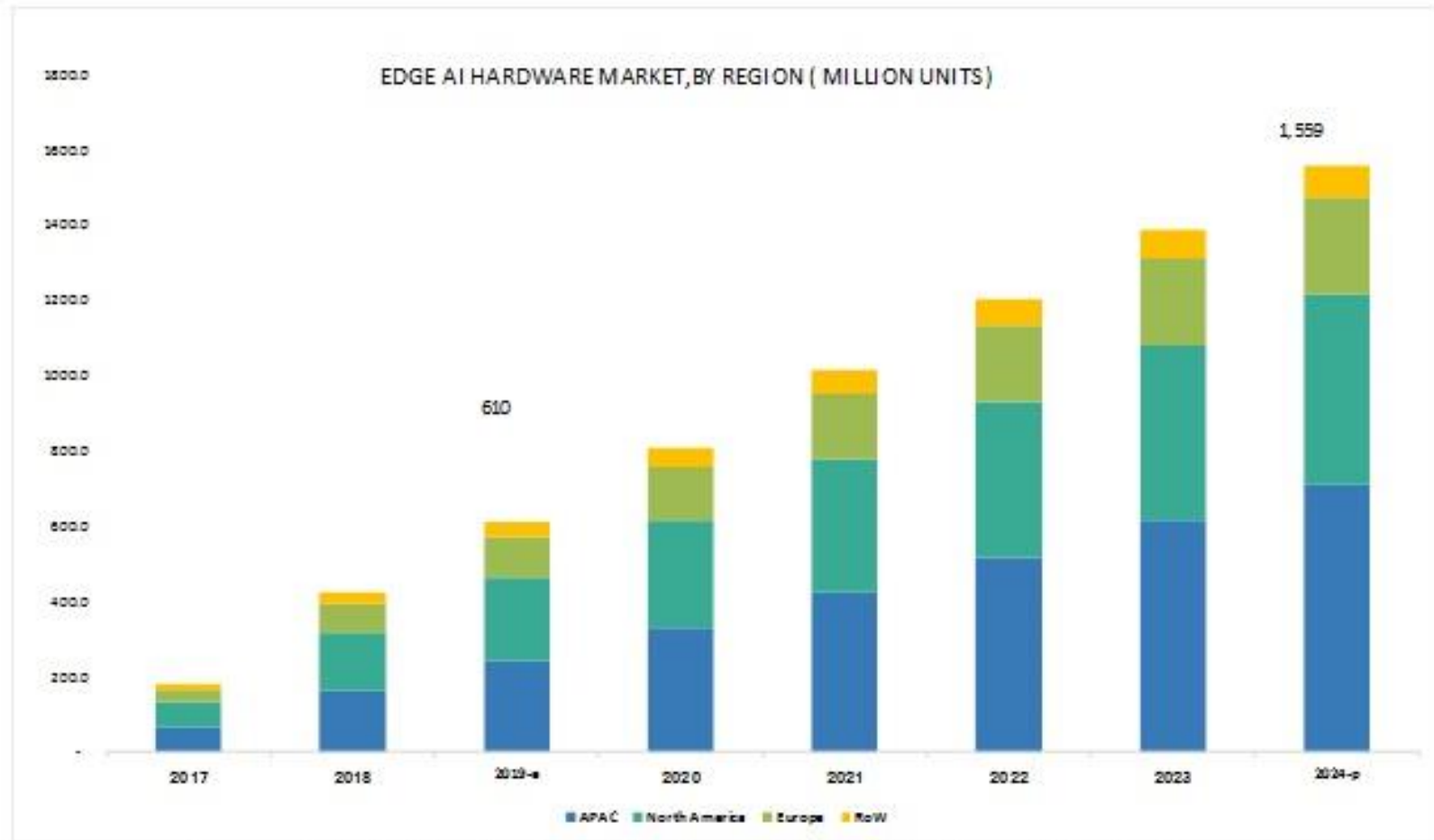


Connecting between **Edge** and **Edge**

Internet of vehicles, collaborative robots.



人工智慧邊緣計算持續成長



Source: Industry Experts, Secondary Research, and MarketsandMarkets Analysis

人工智慧邊緣計算平台

Module

Edge Computer

Edge Server



AI Silicon Partner



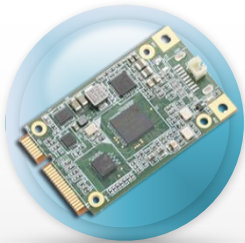
AI Ecosystem Partner



Gorilla

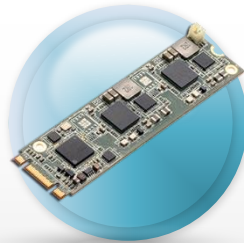


AI Solutions



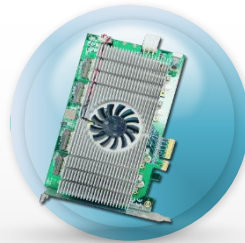
AI Core X

mPCIe AI Module
with Intel[®]
Movidius[™]
Myriad[™] X VPU x 1



AI Core XM 2280

m.2 AI Module
with Intel[®]
Movidius[™]
Myriad[™] X VPU x 2



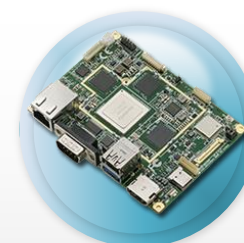
AI Core XP8

PCIe[x4] AI Card
with Intel[®]
Movidius[™]
Myriad[™] X VPU x 8



AIOT-AIVD

AI IoT Video
Analysis Gateway



RICO-3399

Pico-ITX Fanless
Board with
Rockchip RK3399
ARM 6-core CPU



BOXER-8110AI

AI@Edge Fanless
Embedded Box PC
with NVIDIA Jetson
TX2



BOXER-8221AI

AI@Edge Fanless
Embedded Box PC
with NVIDIA Jetson
Nano



BOXER-8252AI

AI@Edge Fanless
Embedded Box
PC with NVIDIA
Xavier NX



BOXER-8521AI

AI@Edge Fanless
Embedded Box
PC with Google
Edge TPU



BOXER-6842M

Vision System
Box PC 8th/9th
Gen Intel[®] Core[™]
or Xeon[®]

研揚創意無限 多項產品獲得台灣精品獎殊榮



台灣精品 2021
TAIWAN EXCELLENCE



BOXER-6641
高效智能
邊緣運算電腦



BOXER-8221AI
人工智慧
邊緣運算系統



BOXER-8521AI
人工智慧AIOT
邊緣閘道系統



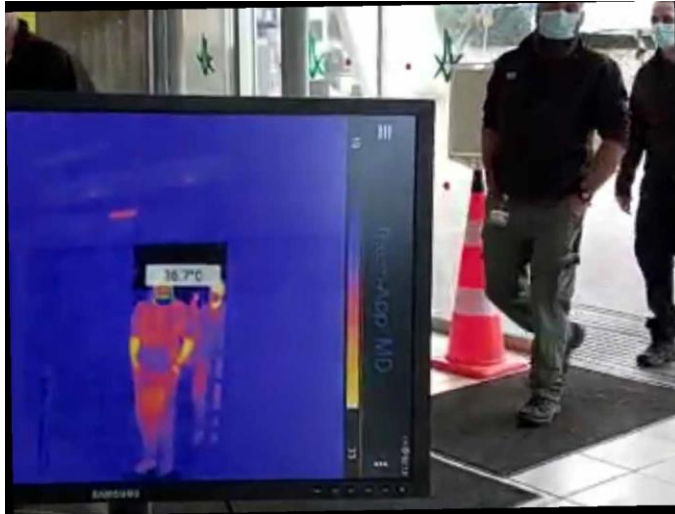
BOXER-6842M
嵌入式AI邊緣運算型
工業控制系統

AI 以人工智慧為核心，發展垂直市場

目標市場



智能安防 – 安全監控



智慧城市 - 車流分析

arm PELION IOT PLATFORM

Device Management



RAW Data



ONNX

OpenVINO™



<p>Intelligent Lighting</p> <p>Monitored and managed wirelessly dimmable street lighting</p>	<p>5G MicroCell</p> <p>Micro cell for 5G deployment</p>
<p>Smart Surveillance</p> <p>Detection of movement by pedestrians, cyclists and cars</p>	<p>Airbox</p> <p>Air quality monitoring, such as PM2.5</p>
<p>RFID</p> <p>Traffic management and parking information</p>	<p>Digital Signage</p> <p>Deliver public message and increase revenue opportunities with interaction</p>
<p>Emergency Call</p> <p>A communication device designed for the public to easily call for help</p>	<p>Charge Station</p> <p>Charging station for electric vehicles</p>

新零售 - 客群分析 & Smart KIOSK



智慧製造 - AI 檢測

First Stage Objectives

Capacitor



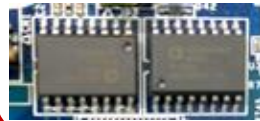
Jumper



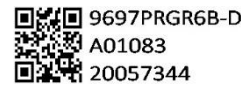
Connector



1.Reverse



6.Label-A

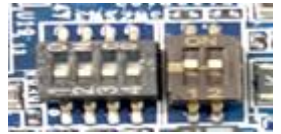


Second Stage Objectives

4.Short



5.SW



2.Missing



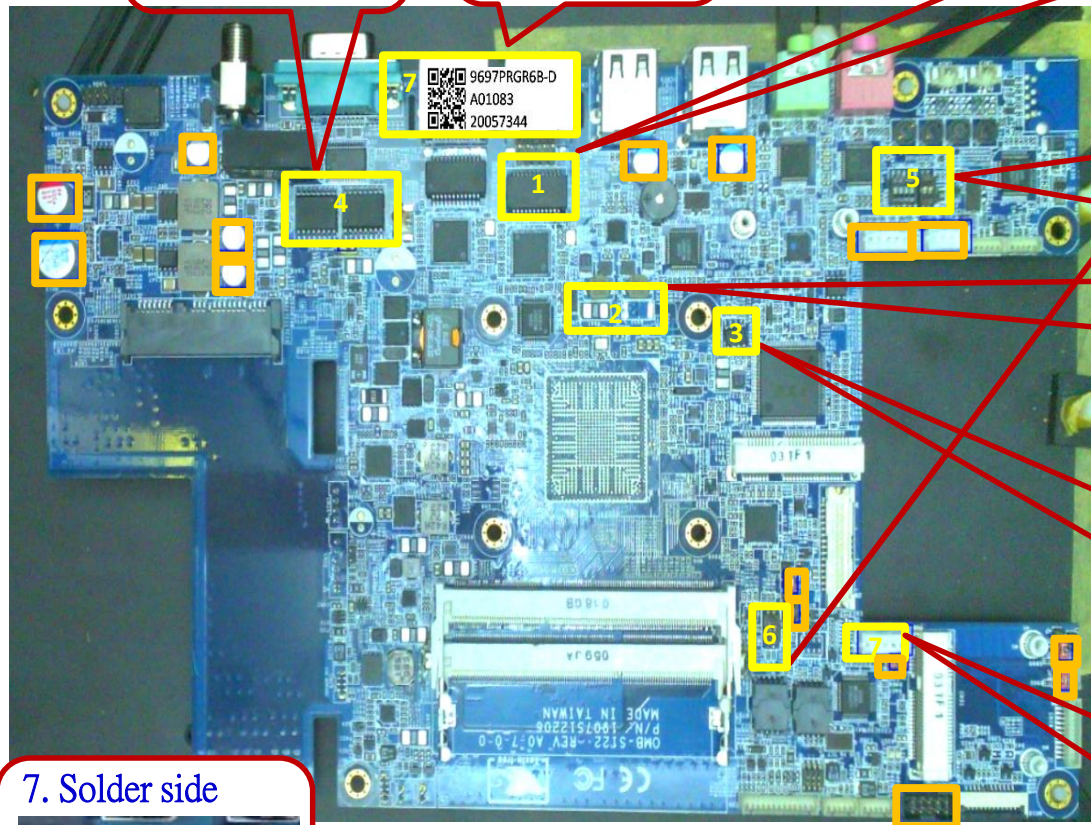
3.Shift



6.Label-B



7. Solder side



人工智慧客戶數

