

## Golden Award

### SmartVDO Air



**YUAN**  
*Visualize Intelligent Planet*

**YUAN High-Tech  
Development Co., Ltd.**  
聰泰科技開發股份有限公司

[Company Website](#)

## Winning Reason

SmartVDO Air is a powerful AI computing platform that transforms data center operations using digital twins. With PCB dimensions of only 90x50mm, SmartVDO Air integrates multiple image acquisition functions, supporting 12G-SDI/12G-SDI Quad-Link, HDMI2.1/GDMI2.0, GMSL2, and USB3.2 interfaces. Such functional diversity makes this platform invaluable for developers and system integrator businesses that need flexible AI solutions across industries such as, but not limited to, smart healthcare, transportation, and education. Air6N0's comprehensive suite of software and tools makes it easy for clients to develop their own applications on top of existing infrastructure to address their specific needs.

## Product Feature

- YUAN's AIR6N0 is a compact AV computing platform with advanced AI, ideal for edge AI in media, industrial, traffic, defect detection, AGV/AMR, visual computing, and medical imaging.
- Powered by NVIDIA's Jetson Orin NX/Nano cores, up to 100TOPS, supports diverse video formats, dual-board design for input flexibility.
- YUAN offers software solutions, development kits for efficient self-development, and enhanced product efficiency.

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