

Booth No. 7A62-19

**DEEPX**



Year Established	2018	Type of Business	Other
Website	<a href="https://deepx.ai/">https://deepx.ai/</a>	Main Export Countries	
SNS	linkedin.com/company/deepx-corp		
Main Customer	Domestic Customers	International Customers	
The Person In Charge	Name	Department	Position
	Tim Park	Strategy Marketing	Director
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**Company Description**

DEEPX develops AI semiconductors and computing solutions for intelligent devices. Its semiconductors improve the efficiency and function of AI applications. DEEPX works with 40 global customers of on-device fields on testing pre-mass production and promotes its brand in the US, China, and Taiwan

**Product**

**AI Booster for Every AIoT DX-M1**

**Function and Usage :** DX-M1 is the optimal solution for realizing AIoT and the only AI accelerator to combine low power consumption, high efficiency and performance, and cost-effectiveness.

DX-M1 supports real-time AI computational processing at over 30 FPS for more than 16 channels of multichannel video data on a single chip, and can process multiple AI algorithms simultaneously, such as object recognition and image classification. Moreover, it has a wide spectrum of AI models supported, from YOLOv5 to YOLOv8 and vision transformer models.

**Marketing and Selling Points :** DX-M1 leads the market through a blend of high efficiency and performance, low power consumption through its original technology, and cost effectiveness, all of which are critical for customers looking for AI chips. DX-M1 has surpassed 40 global customers who are trialing it as part of DEEPX's Early Engagement Customer Program(EECP), which has garnered significant interest from companies across robotics, autonomous vehicles, factory automation, AI-powered security systems, and AI servers.

As a testament to its potential impact on the market, the DX-M1 was honored with CES Innovation Awards 2024 in both the Embedded Technology and Robotics.

**Eco-Booster for Green Data Center DX-H1**

**Function and Usage :** DX-H1 is an AI inferential solution that maximizes performance, power, and cost efficiency. DEEPX has secured the original technology for low-power solutions by achieving the world's highest power-to-performance ratio (AI computational processing power per unit of power).

DEEPX's core technologies have been developed to lighten the weight of complex AI models without compromising their accuracy. As a result, AI computation processing performance is world-class and offers more than 10 times the power-to-weight ratio of GPUs.

**Marketing and Selling Points :** DX-H1 is an AI inferential solution that maximizes performance, power, and cost efficiency. The 2024 CES Innovation Award was selected for the following reasons: 1. It is the most innovative product in computer systems including desktops and laptops that will expand the AI era, and the solutions that make up the system; 2. It is more than 10 times more power efficient than existing GPU-based solutions, which is expected to reduce carbon emissions. Co-winners included products from global companies such as AMD and HP.

