

## 2025 AI Semiconductor Export Business Meeting in Taiwan

2025년 1차 AI반도체 대만 수출상담회

**Date** 21st May 2025 (Wed)

**Venue** TBD

Ministry of Science and ICT, a ministry of the Government of South Korea, focuses on science, technology and ICT.

NIPA is a non-profit government agency affiliated to the Ministry of Science and ICT to the Republic of Korea, which is responsible for providing support to IT enterprises and professionals. NIPA leads national economic development and knowledge-based economic society by promoting competitiveness of overall industries through IT usage and advancing IT industries.

**2025 AI Semiconductor Export Business Meeting** is sponsored by the Ministry of Science and ICT and the National IT Industry Promotion Agency (NIPA).

This year, with the participation of excellent Korean AI Semiconductor companies, we promise to bring the latest products and technology related to IT applications in various economic sectors.

The Korean Delegation will have a schedule for Export Business Meeting in Taipei, Taiwan on 21st-22nd May.



Ministry of Science and ICT



National IT Industry Promotion Agency

## List of Participating Companies

1. DEEPX

DEEPX

2. Mangoboost Korea

MANGOBOOST

3. Mobilint

mobilint

4. UXFactory

UXF

5. Telechips Inc

Telechips

6. FuriosaAI

FURIOSA



#### Company name

Mobilint, Inc.

#### Main Fields

AI Semiconductor

#### CEO

Shin Dong-Ju

#### Certificates

FCC, RoHS, CE, KC, and New Excellent Technology (NET) certifications

#### Website

<https://www.mobilint.com/>

#### Establishment Year

2019

#### Number of Employees

65

#### Address

3F, 35, Seolleung-ro 93-gil, Gangnam-gu, Seoul, Republic of Korea

Founded in 2019, **Mobilint** is a Korean AI chip startup developing high-performance, power-efficient NPUs for edge AI. Its flagship products, ARIES and REGULUS, support workloads from vision AI to LLMs. The ultra-low-power REGULUS chip won a CES 2025 Innovation Award, and the company is expanding into global markets following mass production. Mobilint's NPUs offer over 2x the performance of GPUs at less than half the power and cost, with full-stack software support for easy deployment

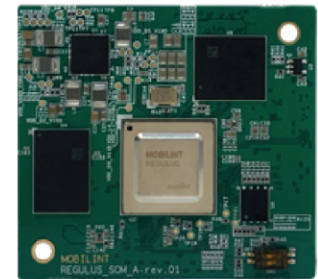
### 01 MLA100: High-Performance Low-Power AI Accelerator for Edge AI

- The MLA100 is an AI accelerator designed for high-performance edge AI solutions. It is optimized for applications such as smart manufacturing, smart cities, robotics, kiosks, and on-premise servers. This powerful NPU card ensures exceptional efficiency and cost-effectiveness for next-gen AI.
- MLA100 is a unique NPU card that supports high-performance AI functions, such as LLMs, with just 25W of power consumption, half the price of a GPU, and a slim single-slot form factor. It enables improved AI performance, cost savings, reduced size and noise, and also offers a user-friendly UI



### 02 REGULUS: High-Efficient AI SoC for On-Device AI

- REGULUS is a high-efficiency system-on-chip (SoC) for on-device AI, capable of delivering high-performance AI with just 3W of power and a compact form factor. Its main applications include drones, robots, CCTV, and home appliances.
- Regulus boasts outstanding AI performance among on-device AI chips. It delivers real-world performance that meets or exceeds the Orin Nano, while featuring power consumption low enough to enable battery operation. REGULUS will soon support sLLM, further expanding its versatility and use cases.





#### Company name

UX Factory, Inc.

#### Main Fields

AI SoC & Solution

#### CEO

Park Jun-Young

#### Certificates

More than 30 patents  
(domestic, PCT, US)

#### Website

[www.uxfac.com](http://www.uxfac.com)

#### Establishment Year

2015

#### Number of Employees

19

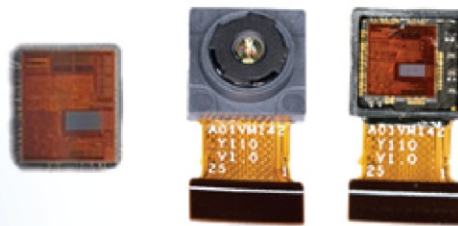
#### Address

R.714~716, 686, Cheonggyesan-ro, Sujeong-gu,  
Seongnam-si, Gyeonggi-do, Republic of Korea

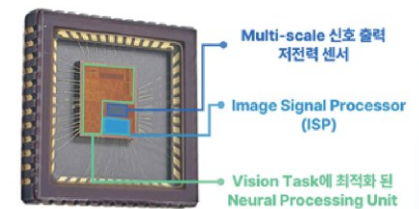
**UX Factory** is a Korea-based AI semiconductor startup specializing in on-device and on-sensor AI chips for ultra-low-power applications. With a focus on practical AI integration for smart glasses, CCTV, autonomous vehicles, and IoT, the company develops customized edge AI SoCs and hardware acceleration solutions. Leveraging over 17 completed R&D projects and export experience, UX Factory provides next-generation AI platforms optimized for energy efficiency, compact design, and system-level co-optimization.

## 01 On-sensor AI Chip Solution

- Unlike the previous AI chips, our On-sensor AI chip solution covers from sensing to processing on a chip, integrating multi-scale image sensor, low-power signal processor, and NPU on a single chip die.
- Easy deployment, Low-power operation, Low price, Wake-up sensor, Smart Sensor



[ Chip photograph, and chip module photograph ]





## Company name

Telechips Inc.

## Main Fields

Semiconductor

## CEO

Lee Jang-Kyu

## Website

<https://www.telechips.com/>

## Establishment Year

1999

## Number of Employees

475

## Address

·Telechips Pangyo Building,27, Geumto-ro 80beon-gil, Sujeong-gu, Seongnam-si, Gyeonggi-do

**Telechips Inc.**, founded in October 1999, is a leading provider of multimedia semiconductor solutions for the automotive industry. The company has developed advanced products including application processors, Korea's first automotive MCU, and chipsets for autonomous driving and ADAS technologies. Telechips focuses on Intelligent Automotive Solutions, with its products widely applied in IVI (In-Vehicle Infotainment) systems such as car audio, display audio, AVN, digital clusters, SVM, HUD, RSE, and telematics. By expanding into high-performance MCUs and automotive network chipsets, Telechips aims to become a global leader in automotive semiconductors.

## 01 TOPST D3-G

A compact, high-performance single-board computer powered by Telechips' automotive-grade processor. Ideal for industrial and educational use, it supports DisplayPort, PCIe, and open-source Linux, offering robust performance for prototyping and smart device integration.

- Automotive-Grade Reliability
- High Processing Performance
- Advanced Interfaces for Industrial Use
- Open-Source and Developer-Friendly
- Cost-Effective Alternative to Major SBCs
- Ready for B2B and B2C Markets



## 03 TOPST VCP-G

A compact, MCU-based development board with real-time performance and Arduino compatibility, ideal for motor control, IoT, and industrial embedded systems.

- Automotive-Grade MCU for Robust Performance
- Real-Time Operating System Support
- Multiple Interfaces for Peripheral Integration
- Arduino-Compatible Development
- Compact Size and Low Power Consumption
- Educational and Commercial Value



## 02 TOPST AI-G

An edge AI board with Telechips' NPU, optimized for real-time vision and AI inferencing in smart cameras, robotics, and compact AIoT devices.

- High-Performance Edge AI Processing
- Automotive-Grade SoC with NPU
- Support for Popular AI Frameworks
- Optimized for Vision AI
- Compact and Low-Power Design
- Alternative to Google Coral & Jetson Nano





#### Company name

Furiosa AI

#### CEO

Baek Joon-Ho

#### Website

<https://www.furiosa.ai>

#### Establishment Year

2017

#### Number of Employees

150

#### Address

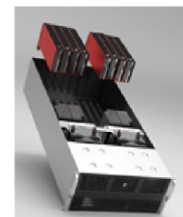
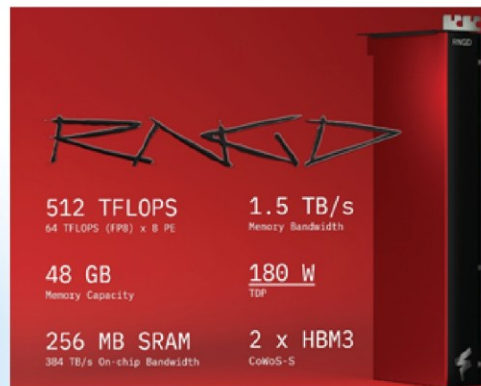
Dosan-Daero 145, Gangnam District, Seoul, South Korea

Founded in 2017, **FuriosaAI** is a fabless startup specializing in AI semiconductors for hyperscale data centers and enterprise AI services. Backed by strong benchmark results on MLPerf and leading-edge architecture (e.g., Tensor Contraction Processor), the company delivers high-performance, low-latency NPU solutions. Its 2nd-gen chip, RNGD, supports LLM acceleration and will enter mass production in 2025. With a full-stack approach from hardware to SDK, FuriosaAI enables seamless NPU deployment for AI inference at scale.

## 01 RNGD

RNGD(pronounced "Renegade"),powered by Tensor Contraction Processor architecture, delivers high-performance LLM and multimodal model deployment capabilities while maintaining a radically efficient 180W power profile.

- Form Factor : 4U Rackmount
- Accelerators : Up to 10 double-width RNGD Cards Supported
  - RNGD (up to 2560 TFLOPS, BF16)
  - RNGD-Max (up to 5120 TFLOPS, BF16)



Furiosa RNGD, gen 2  
Production samples available today

## 02 WABOY

WABOY is High performance inference chip for the most advanced vision applications.



Furiosa Gen 1 Vision NPU  
Commercially available