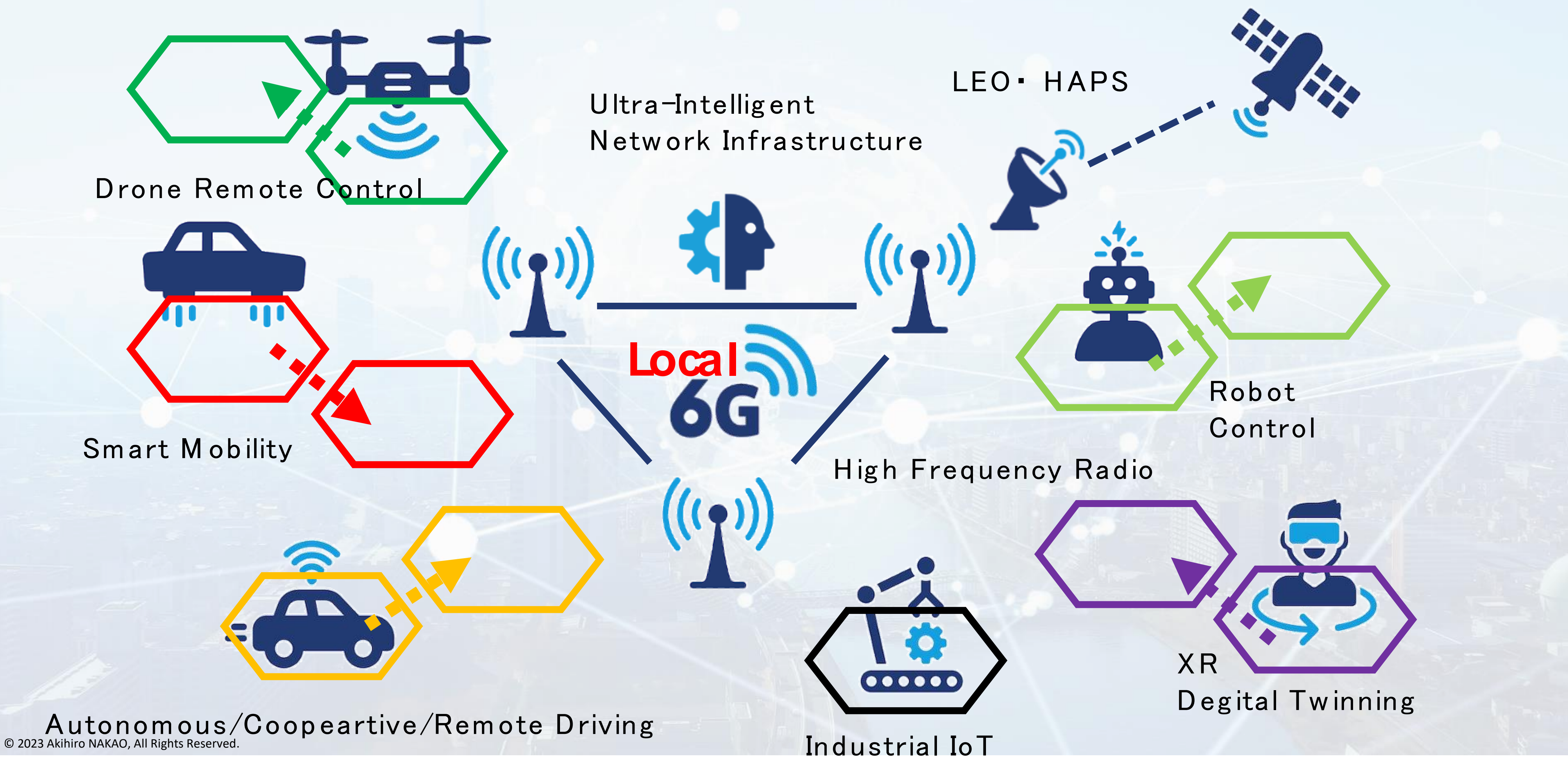


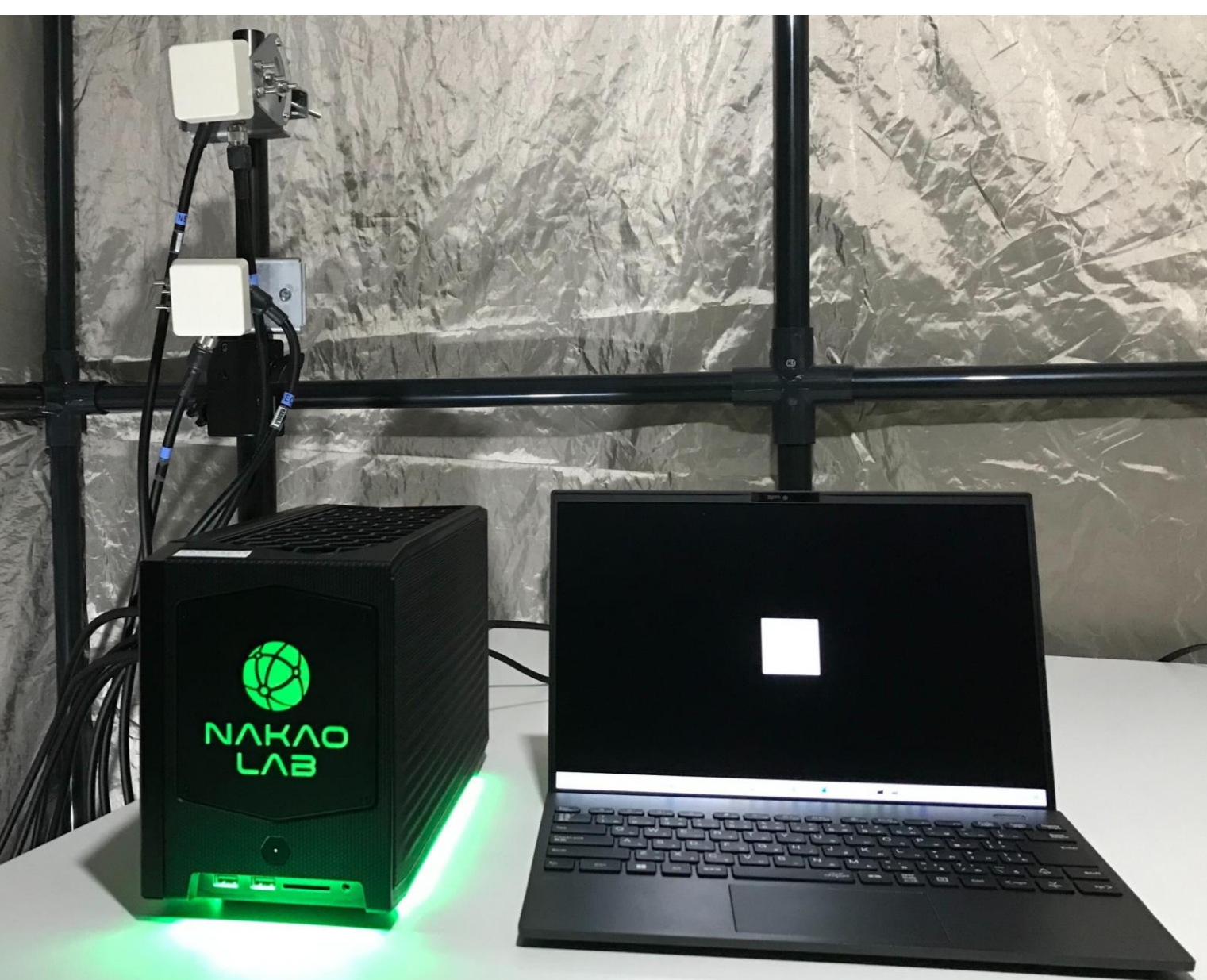


Local6G : Power to the General People



**Ready-to-use, compact, low-power, high-performance
Internet Directly Connected Local 5G Demonstration System**

(Industry-Academia Collaboration among UTokyo, NEC, NEC Platforms)



- Integrates local 5G base station, 5G core, and MEC
Software-based, **quick functionality update** is possible.
Quickly deployable Indoor use (consult us for outdoor use)
Space-saving, low power consumption
- **Output: 1 W × 4 ports (Total 4W)**
 - **Size: (W)130 x (H)189 x (D)357 mm (excluding antenna)**
 - **Weight: Approx. 6.2 kg**
 - **Power consumption: Approx. 90 W**
 - **Supports semi-synchronous system (TDD1/2/3)**

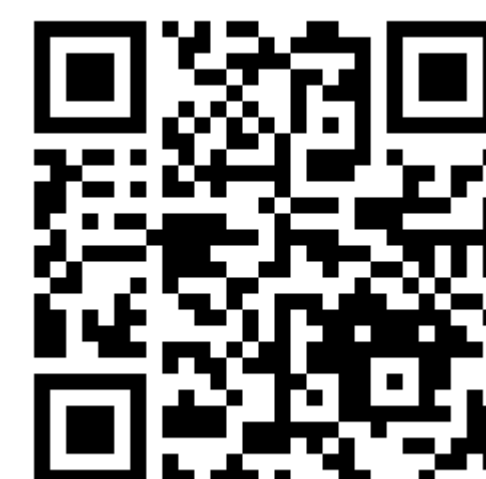
(Width)130 x (Height)189 x (Depth)357mm



Press Released 2023/3/31

Press Released 2023/4/25

Flare Systems starts selling this unit



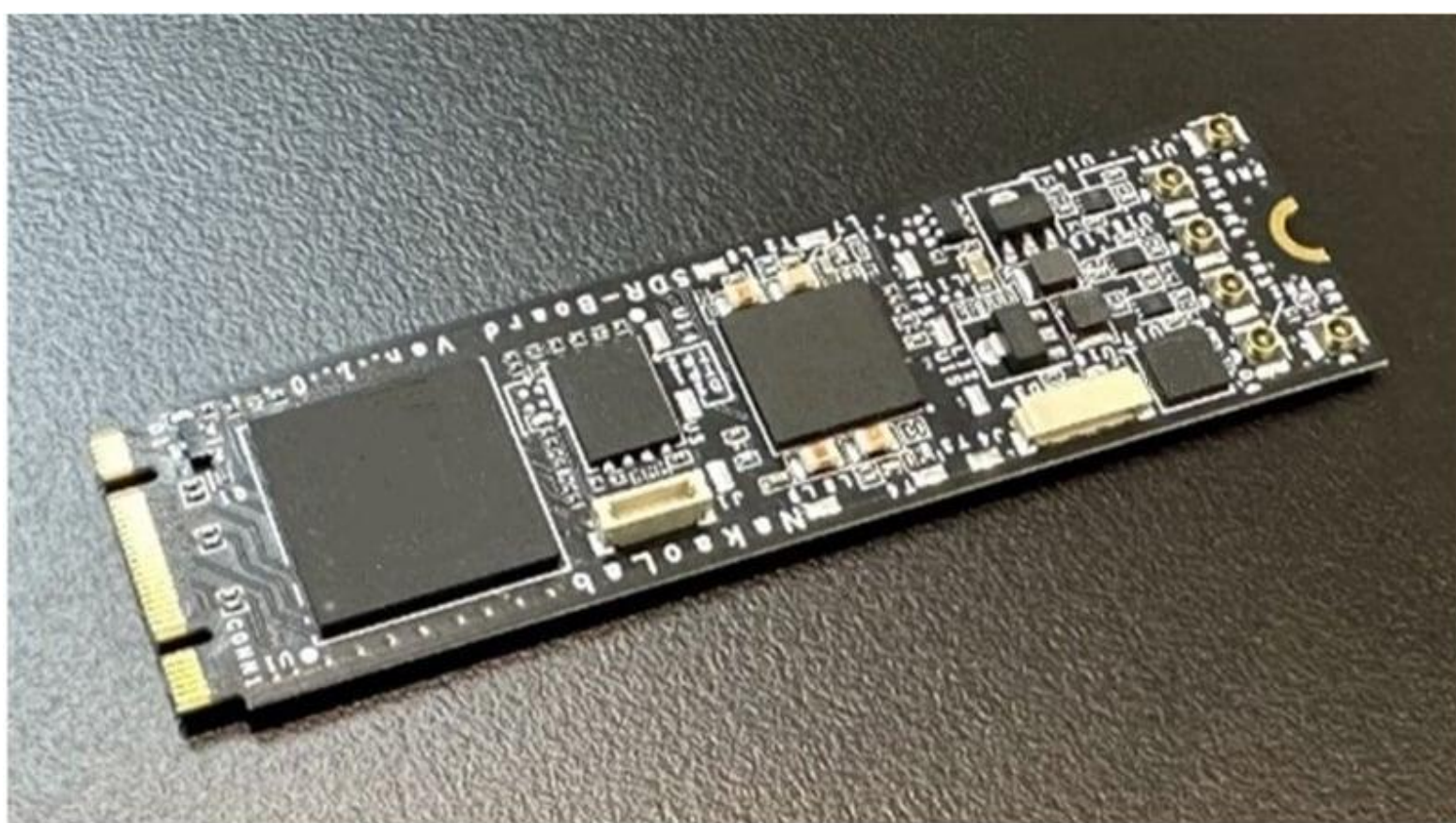


Ultra-compact Software Defined Radio Board

2023/3/24 Press Released

- Accelerating Development of Programmable Base Stations Evolving with Software Expansion -

- We have successfully developed an “ultra-compact” software-defined radio (SDR) board that supports the development of next-generation communication standards .
- We have developed a board that supports M.2 standard interface, ultra-compact size (80mm long, 22mm wide , 5mm thick (board thickness 0.8mm)) and can be programmed with 5G and next-generation communication protocols.
- We will accelerate the resolution of social issues, the exploration of latent needs, and the creation of value through confirmation and verification of usefulness in demonstrations using 5G/B5G communication equipment that utilizes SDR.



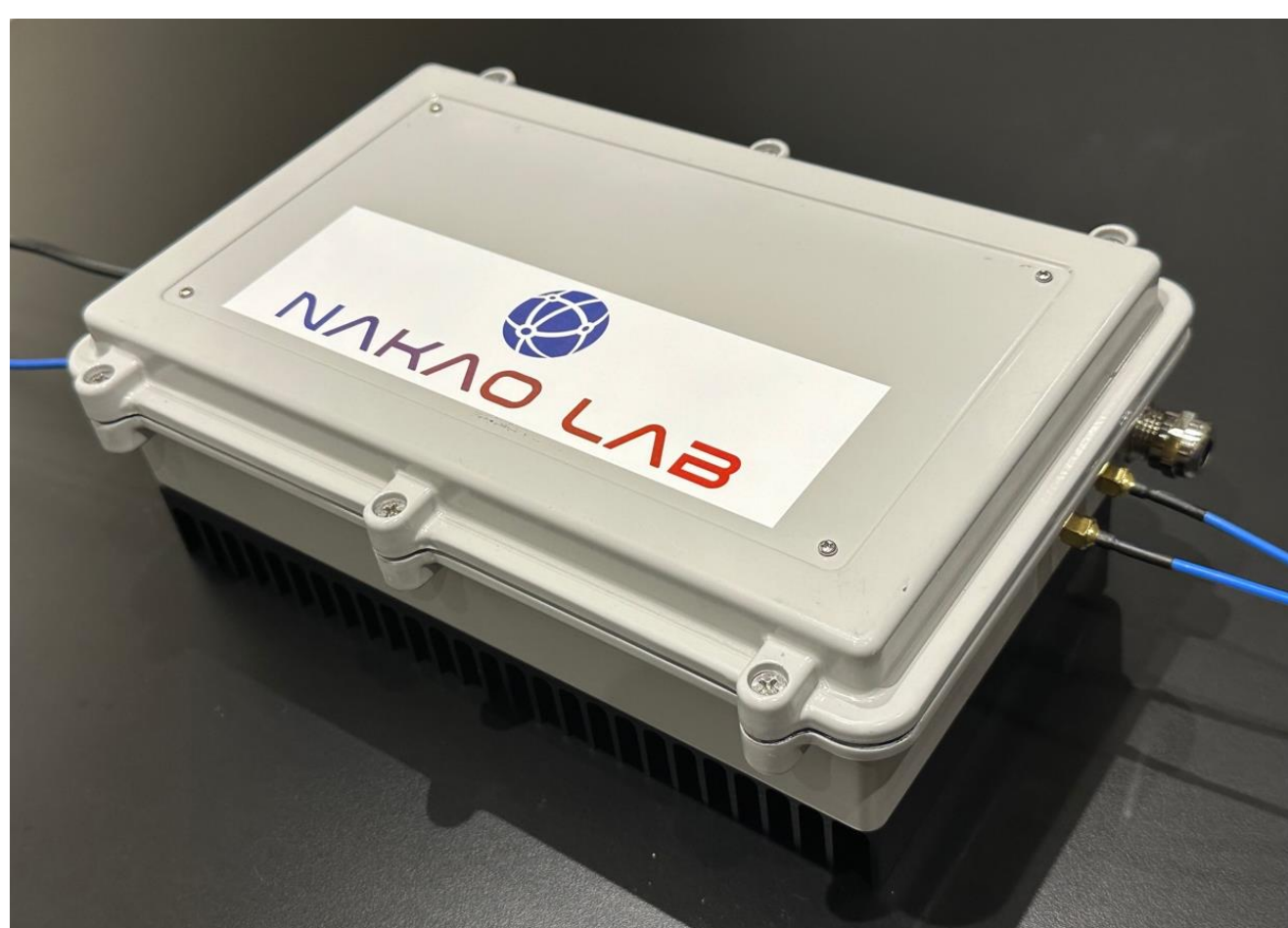
- ultra-compact: Compatible with M.2 standard.
- Height 80 mm, width 22 mm, thickness approx. 5 mm
- Flexibly add network functions through software
- Expand frequency bandwidth by daisy chaining multiple boards
- Confirmed to work as a 5G base station



2023/4/25 Press Released

Ultra Compact Local5G Softwarized System

- We have developed a **low-power** (75W) integrated core and local 5G system that can **be quickly installed outdoors** with its **small form factor (W) 173.2 x (H) 66 x (D) 274.2 mm (75% of A4 Paper Size)**
- The recently announced development of an ultra-compact software-defined radio (SDR) board is embedded in a commercial general-purpose single-board computer to implement 5G functions, resulting in **lower cost and flexibility** in adding functions through software.
- We will accelerate the solution of social issues, search for potential needs, and value creation through confirming and verifying the usefulness in demonstrations using 5G/B5G communication devices.



4.7-4.9GHz /100MHz Sub6
 5G 1W/ch total 2W
 2x2 MIMO, Low-Power
 (90W) TDD SemiSync 1,2,3

