The Nagami is a compact and powerful embedded module built around the Allwinner T113-s3 SoC. With dual ARM Cortex-A7 cores, integrated HiFi4 DSP, built-in storage, and rich peripheral options, the Nagami delivers high performance and flexibility in a familiar miniPCIe full-size form factor. It's a perfect fit for demanding industrial, IoT, and embedded applications.

Specifications:

- Dual ARM Cortex-A7 @ 1.2GHz
- 128MB DDR3 Memory, 4GB eMMC
- 10/100 Ethernet Phy
- 1x USB 2.0 OTG, 1x USB 2.0 Host
- 1x SPI interface with HOLD/WP
- Up to 5 UARTs (2 with RTS/CTS)
- Up to 4 I2C interfaces
- Up to 2 CAN 2.0B interfaces
- Up to 2x I2S/PCM Interfaces
- Up to 1x SPDIF In & Output
- QWIIC Extension Interface

Software:

- Buildroot Linux Distribution
- Mainline Linux Kernel
- U-Boot Bootloader
- Support for C, C++, Python

Applications:

- Industrial & Home Automation
- IoT / IioT
- Robotics
- Embedded Systems