



Raspberry Pi
Design Partner

Pi Modules Technologies L.P.

Engineering Capabilities & Company Overview

Ioannis A. Mourtsiadis
Founder & CTO

🌐 70+ countries

🏭 200,000+ products manufactured

⚙️ 38+ years of engineering experience

Who We Are

**Engineering Partner for Industrial
Embedded Systems**

Pi Modules Technologies L.P. is an engineering company specializing in the design and development of advanced embedded systems for industrial, networking, AI and IoT applications.

We provide complete product development services – from system architecture and electronics design to firmware, mechanical integration, prototyping, testing and manufacturing support.

Core capabilities

- Industrial Embedded Hardware Design
- Raspberry Pi CM4 / CM5 Platforms
- Embedded Linux & Firmware
- High-Speed PCB Design
- Mechanical Integration
- Prototype & Production Support

Why Pi Modules

**Proven engineering expertise
backed by real-world products**

-  Raspberry Pi Design Partner
-  Nearly 40 Years of Engineering
-  Global Product Deployment
-  Manufacturing Experience
-  High-Reliability Projects
-  Innovation

Featured Projects

Cutsforth Voyager Platform



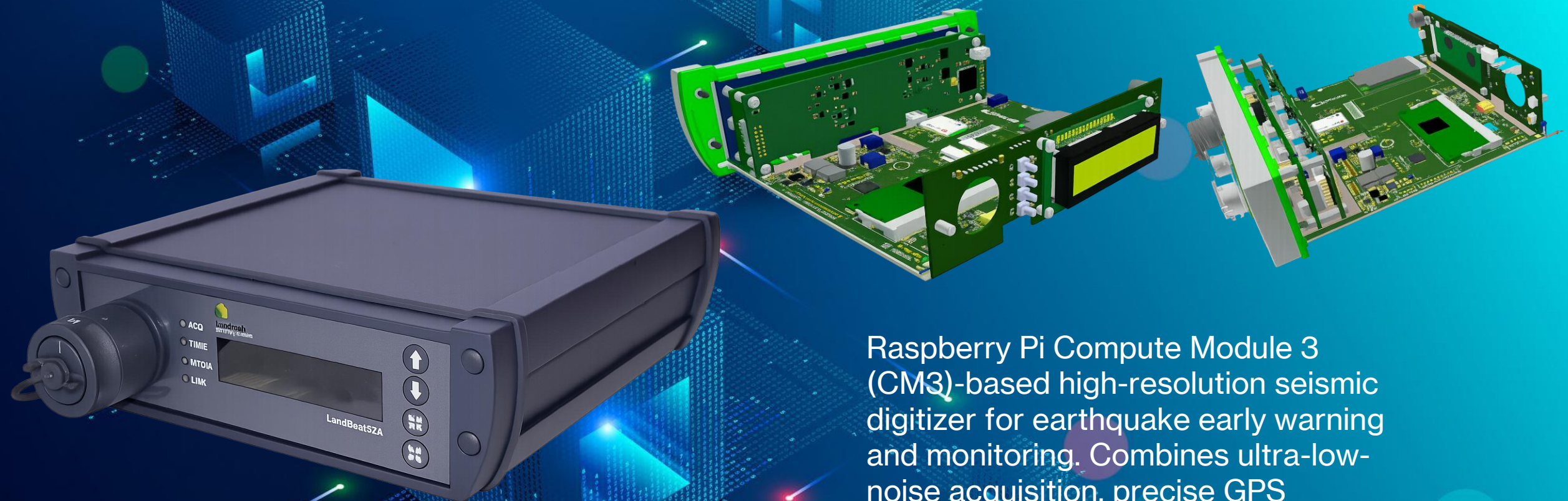
Modular CM5-based monitoring platform featuring high-speed Ethernet, precision synchronization, and a scalable I/O architecture for next-generation industrial monitoring systems.

Featured Projects

7/16/2026

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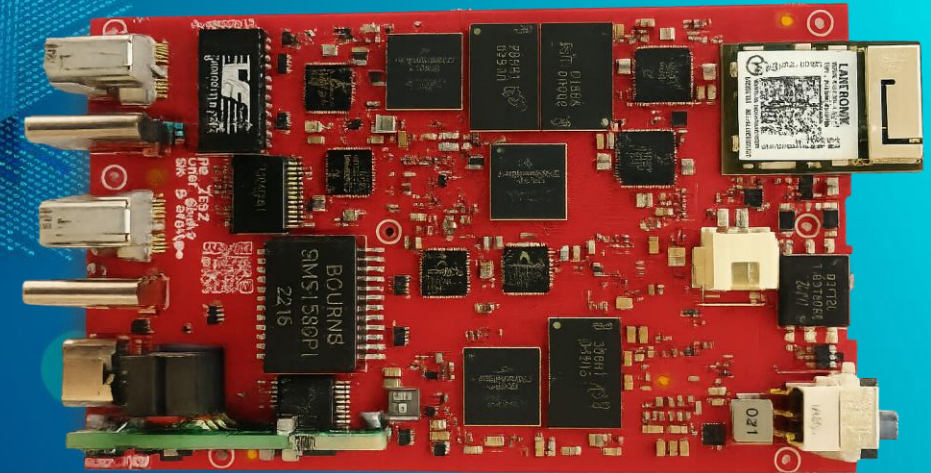
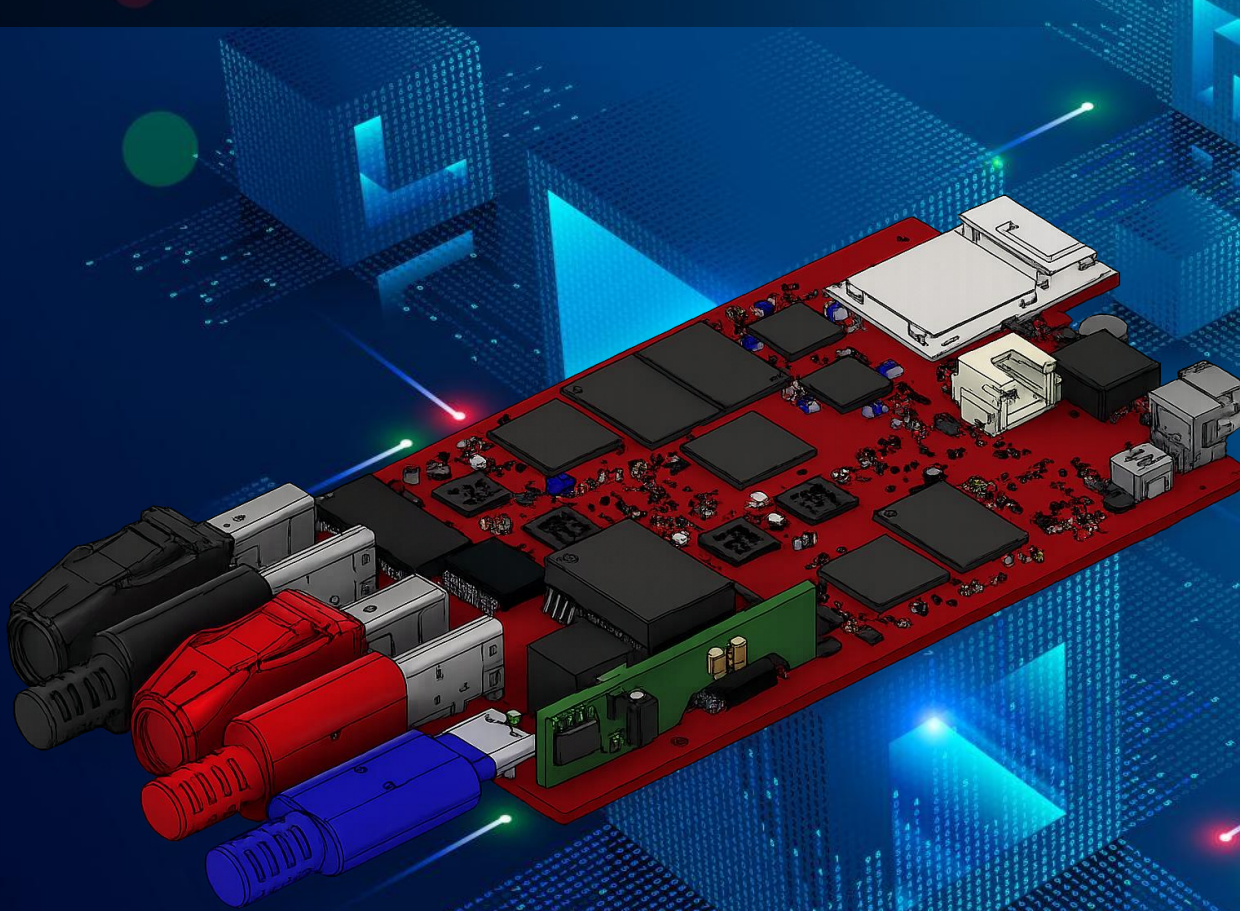
SATWAYS MOTUS 32-3 High Resolution Seismic Digitizer



Raspberry Pi Compute Module 3 (CM3)-based high-resolution seismic digitizer for earthquake early warning and monitoring. Combines ultra-low-noise acquisition, precise GPS synchronization, embedded processing, and reliable 24/7 field operation.

Featured Projects

ISIDORE™ 50



High-performance secure networking platform based on three NXP LS1012A processors. Designed for cryptographic and secure communication applications, featuring six 1G/2.5G Ethernet ports, USB connectivity, and high-speed packet processing for mission-critical environments.

Raspberry Pi Partnership

7/16/2026

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Official Raspberry Pi Design Partner

- Industrial products based on Raspberry Pi CM3, CM4 and CM5 Custom carrier boards and industrial platforms
- High-speed interfaces (PCIe, USB 3.0, Gigabit Ethernet)
- Industrial Linux software integration
- From prototype to mass production



Our Products

Products developed and commercialized by Pi Modules



- **Industrial CM5 Controllers** – TSN, SPE and Industrial Ethernet platforms
- **Raspberry Pi Expansion Boards** – Carrier boards and industrial I/O
- **Power & UPS Modules** – Industrial power management solutions
- **Industrial Networking Solutions** – Ethernet and edge computing devices
- **Custom Embedded Platforms** – Designed for customer-specific applications

Pi Modules Technologies L.P.

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Thank you

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