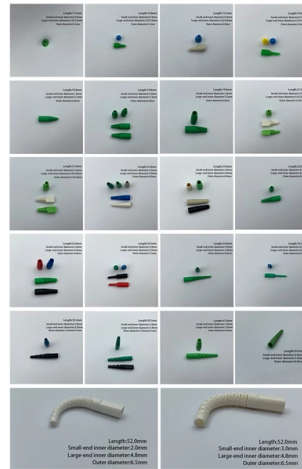


What are some micro-module companies



Overview

Here we highlight the top 10 companies leading the modular data centre revolution, ranked by market leadership, innovation, global scale and strategic focus.

Key Takeaways

Several companies specialize in micro-modules, including Micromodule Technology, Microdul AG, Micro Module Technology Co., Ltd., and Analog Devices μ Module products.

Key Companies and Their Expertise

Micromodule Technology (Japan) Founded in 2008 and based in Yokohama, Micromodule Technology focuses on the design and development of small-scale electronic modules for applications such as temperature control, power management, and signal processing. The company leverages semiconductor packaging and module development expertise to provide compact, reliable solutions for electronics, automotive, and healthcare industries.

Microdul A

G (Switzerland) Microdul develops and manufactures sophisticated microelectronic modules for critical applications, including medical implants, high-end industrial products, and custom PCBA assemblies. Their expertise includes ultra-precise SMD assembly, bare-die packaging, micro-welding, and PCB potting, all performed in Class 5 cleanrooms. Microdul offers end-to-end services from design to industrialization, enabling clients to outsource complete microsystem development.

Micro Module Technology Co., Ltd. (Japan) This company specializes in micro-joining technologies for bare chip direct mounting and interconnection between substrates. They provide integrated support for downsizing and modularization of printed circuit boards, including concept planning, prototyping, evaluation, and mass production. Their in-house facilities with Class 100–1000 cleanrooms allow high-quality module production for miniaturized electronic devices.

Analog Devices μ Module® Products (USA) Analog Devices offers μ Module® regulators and DC-to-DC power modules, which are system-in-package solutions integrating analog ICs, power switches, and passive components. These micromodules simplify power management design by combining controllers, transistors, capacitors, and inductors into compact packages, suitable for high-performance and space-constrained applications.

Applications and Industries

These companies serve a wide range of industries, including: Electronics and consumer devices Medical devices and implants Automotive and industrial systems Power management and energy systems Each company provides specialized solutions for miniaturization, high reliability, and integration of complex electronic functions, making them leaders in the micro-module sector.

Article Content

Top 10: Modular Data Centre Companies | Data Centre Magazine

Here we highlight the top 10 companies leading the modular data centre revolution, ranked by market leadership, innovation, global scale and strategic focus.

Top Small Modular Reactor Stocks 2026: Factory-Built Nuclear

These companies are the vanguard of the nuclear renaissance, dedicated exclusively to developing and commercializing specific SMR designs. Pure-play small modular reactor stocks offer

List of 20 SMR Companies

Here are the names of the SMRs being developed by each company on the list of 20. Note that this is not an exhaustive list, and there are other companies and organizations that are also developing SMRs.

List of small modular reactor designs

Small modular reactors (SMR) are much smaller than the current nuclear reactors (300 MWe or less) and have compact and scalable designs which propose to offer safety, construction, and economic

Publicly Traded SMR Companies Overview and Analysis

Some SMRs are being developed by companies like NuScale Power, Holtec International, and GE Hitachi Nuclear Energy. These companies are working on reactors like the NuScale Power Module,

28 Camera Module Manufacturers in 2026

This section provides an overview for camera modules as well as their applications and principles. Also, please take a look at the list of 28 camera module manufacturers and their company rankings.

Integrated circuit

IDMs are vertically integrated companies (like Intel and Samsung) that design, manufacture and sell their own ICs, and may offer design and/or manufacturing (foundry) services to other companies (the

Advanced Small Modular Reactors (SMRs)

Information on advanced small modular reactors and the Department of Energy's Small Modular Reactor Licensing Technical Support (SMR-LTS) Program.

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DDR4 prices are now so high that vendors have decided to start

DDR4 prices have been steadily increasing in the past months due to the lack of supply. Top DRAM manufacturers Micron, Samsung, and SK hynix have announced earlier this year that

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