

# 1MW of server racks for the Hainan Free Trade Port Data Center

All data centers are built according to the national highest standard A-class machine room, and after completion, they can provide 2528 racks and accommodate 33,000 standard servers.

It houses over 400 high-performance servers, and is connected to an underwater data center first deployed in March 2023. This marks the completion of the world's first commercial ...

(Xinhua/Zheng Yue) A journalist reports on a model of an undersea data cabin for an undersea data center, in Lingshui, south China's Hainan Province, Sept. 25, 2025.

This Draft is the first local document to mention the removal of foreign ownership restrictions on internet data center ("IDC") services, following the MIIT Circular on April 10, 2024, ...

China has launched the world's first commercial underwater data center in Hainan, using ocean currents to naturally cool servers and cut energy costs.

Each underwater module accommodates up to 500 servers across 24 racks, housed in a heavy 1,433-ton cabin. The structure capitalizes on the natural cooling capacity, allowing continuous operation ...

The facility, located in Lingshui county, hosts servers that power various digital services, from restaurant suggestions to travel tips, inside a 1,300-tonne underwater data cabin, roughly the ...

The Hainan underwater data center offers medium-size storage and computing capacity: Each cabin, located 35 meters underwater, has 24 server racks capable of holding up to 500 servers ...

China has launched the world's first commercial underwater data center, and this project is more than just a technical achievement; it represents a step towards more sustainable and energy ...

The park will accommodate 6,075 medium- and high-density server racks, supporting around 6,000 intelligent computing servers and delivering approximately 800 PFlops of general ...

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