The Ikoula Raspberry Pi-Powered Micro Server

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Often considered a simple device ideal for something like a home server, the Raspberry Pi 4 holds professional potential when used in "Remote" mode. Enter French server specialist Ikoula, who uses the micro-PC in an IPv6 & IPv4 micro server.

The micro server combines the Raspberry Pi 4 with professional infrastructure and 24/7 support, making a versatile and low-cost micro server. The Raspberry Pi runs remotely, and users get the benefit of the security system of a datacentre, a support team available at all times, and a network with asynchronous 1Gbps bandwidth.

"When we created Ikoula in 1998, we were ahead of our time by anticipating the explosion of web. Even today, it is important for us to anticipate the needs of our customers, by offering them innovative products," the company says. "By providing these two types of IP, we anticipate the shortage of IPv4, while allowing users to address all of their current services without any restriction."

Ikoula adds the micro server is ideal for hosting a website, developing some applications, data backups or even creating a VPN or a set of Docker servers. It also consumes less power compared to a conventional dedicated server, meaning it reduces the ecological impact of the customer's activities.

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