

# Japan officially tested the next-generation Shinkansen supercar

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Since its introduction in 1964 until now, Shinkansen has always been dubbed the world's fastest passenger ship, the king of speedboats, with a speed of nearly 300km (198 miles). ) every hour. Particularly, E5 commercial trains can reach speeds of 320 km / h as the road between Utsunomiya and Morioka towns on Tohoku Shinkansen line.

1. The silent contributions of Linux for human life



## *New generation Shinkansen ALFA-X*

However, the next-generation Shinkansen that are being tested will not only be upgraded in terms of comfort, but will even improve the speed of further operation. According to the East Japan Railway, new-generation commercial Shinkansen (codenamed ALFA-X) possess a theoretical maximum speed of 400 km / h, and can reach 360 km per hour when it starts. put into commercial operation on main roads along the country for about a decade.

On average, each ALFA-X will own 10 wagons with considerable size and comfort of interior compartments, giving it a more spacious and modern feel. The main car section has also been redesigned for better air resistance

reduction, and the cabin cabin has also been improved in a more comfortable way. It is estimated that the pilot project of ALFA-X (with 10 completely new tractors) will cost the Japanese government an amount of up to 10 billion yen (US \$ 91 million).

1. Super speed boat 5 times the speed of sound can travel along the UK in 8 minutes



*This is the first time the media has witnessed the performance of ALFA-X*

The test took place on Thursday last week between Sendai and Morioka - two major cities in northern Japan - the first time the media and the public had the opportunity to witness it with their own eyes. operability of this new generation Shinkansen.

'We have successfully implemented a test plan today, and will continue to conduct new tests on more complex routes over the next 3 years,' said a spokesman for the Japan Railway Group. The report said.

East Japan Railway plans to introduce the ship to the first commercial ALFA-X in the period 2030 - 2031, when the Shinkansen services have been extended to the city of Sapporo, the capital and also the city. The largest on Hokkaido island in the north of the country.

1. Image of a test run by Hyperloop One in the Nevada desert



*Redesigned, more modern cockpit*

"We will try our best to further shorten the travel time between major cities across the country through more modern, next-generation Shinkansen," said Kazunori Koyama, an official in charge of testing. said.

In a related news, JR Central is currently preparing to start the Chuo Shinkansen service linking Tokyo and the Nagoya capital (286 km in length) with magnetic padding technology; This road is expected to be completed in 2027 to shorten the travel time between the two cities to only about 40 minutes.

Japan has always been known as a pioneer country in the field of developing high-speed rail network, as well as being admired by the whole world with actively adding safety and right measures. hours, including emergency stop systems, or even auto-deceleration before a major earthquake occurs.

#### 1. Super speed boat runs "race" with jet aircraft in the sky

According to the calculations of experts, when it is first exploited and put into official operation, ALFA-X will become the fastest commercial passenger train (with wheels) with the fastest speed in the world.

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