

# After Elon Musk, Jeff Bezos also prepared to launch 3,236 Internet satellites into space

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On July 4, Amazon submitted a plan to launch 3,236 of their communication satellites to Earth's low orbit on the US Federal Communications Commission (FCC). It is expected that the satellites of Amazon are named Kuiper and will provide broadband Internet connectivity to tens of millions of users and businesses where there is currently no easy access.

Amazon's move shows that CEO Jeff Bezos's company seems ready to challenge SpaceX's Internet satellite fleet run by Elon Musk.



Up to now, the FCC has approved for nearly 13,000 active satellites in Earth's low orbit, including SpaceX's 11,943 satellites.

On Earth's low orbit (at an altitude of 180 to 20,000km), the satellites need 90 minutes to complete an orbit around the Earth. When a satellite is hidden in the horizon, the signal will be relayed to the next satellite. Therefore, the more satellites there are, the greater the coverage area and ensure continuity.

In the file, Amazon said its satellites would operate between 590 and 630 km high and would provide broadband Internet connectivity to Americans in rural and remote areas with High speed, stable.

The Kuiper system also helps mobile operators expand wireless services, promising to bring high-quality mobile broadband connectivity to airplanes, ships and road vehicles.



Last month, Amazon CEO Jeff Bezos shared some information about the Kuiper project. He said it would be a multi-billion dollar project and completely separate from the company that developed the Blue Origin rocket, which is also owned by it.

According to FCC research, there are about 33 million people in the US who cannot access high-speed mobile services and 21 million people lack fixed broadband connections. 3.8 billion people worldwide still have no fast and reliable broadband Internet service.

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