

# What is 6G communication technology

## Does it require a base station

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A new generation of intelligent aerospace platforms--drones, airships, and satellites--will be part of tomorrow's 6G networks, acting as, in effect, base stations in the sky. ...

One of the biggest hurdles is the development of the necessary infrastructure. 6G will require a completely new kind of network architecture, including more advanced antennas, new ...

Sixth generation (6G) is the term for the next major leap in mobile wireless networks after 5G networks and 5G-Advanced networks. The envisioned features for this next-generation technology include: ...

6G is the sixth generation of mobile network standards for cellular technology. Learn how 6G will work, who is building it and when to expect it.

Although base stations for 6G aren't around yet, 4G LTE and 5G networks use cell towers and "small cells"--small transmitters installed on street corners and utility poles--to beam ...

Explore 6G network architecture, including user equipment, access network, core network, edge computing, and non-terrestrial networks. Learn about key interfaces and their functions.

6G (sixth-generation wireless) is the successor to 5G cellular technology and is expected to be globally available by around 2030. 6G networks will be able to use higher frequencies than 5G ...

We will then cover the technical requirements of both the 6G wireless spectrum, physical infrastructure, and security, and conclude with the many architectural changes between 5G and 6G ...

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