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Specifically, according to RealSpeed's report, actual Internet speed can be up to 60% lower than what is written on the package specifications. This means that in reality users can only use a maximum of about 40% of the package's network speed.



Before reaching the above conclusion, RealSpeed conducted tests including testing transmission speed for wireless routers or modems of households, analyzing Internet speed on user devices. However, the company did not announce the number of devices and households included in the survey.

Tristan Gilbertson, in charge of the telecommunications department at the New Zealand Trade Commission, said that users do not always receive the connection speed commensurate with the money spent, and wifi performance is the reason why people users pay more than they receive in return.

Gilbertson gives an example of the Fiber Max package for speeds of 878 Mbps that is popular in New Zealand. But in reality, with this package, devices usually only receive an average of 318 Mbps.

Gilbertson said that when using an old device or with technology that is not enough to exploit the full power of the package, your connection will be as imperfect as a Ferrari driving on a speed-limited road.

Ben Oakley, head of telecommunications market performance at the New Zealand Trade Commission, advises that if a user's supporting devices are not taking full advantage of the speeds that the package is providing, they should You may consider downgrading your package.

When you feel the network is slow, instead of immediately contacting the network operator to buy a new package, Ben Oakley believes that users should consider and do the following:

1. Before upgrading the package, users should consider whether it is necessary and whether they can take advantage of the performance for the money spent? For example, plans above 300 Mbps will be suitable for those who need to transfer large files, but not for home users.
2. Check if the router placement is ideal. The device needs to be in the most central location possible, without walls or other objects blocking or interfering with it to achieve the highest performance.
3. Users can use Ethernet cables for fixed devices or in areas far from the router.
4. Users also consider buying a new device to replace if the router is too old to maximize the speed of the package.
5. Receiving devices such as smartphones, computers, and TVs cannot receive high-speed data from the router if they are too old. Therefore, if within allowable limits, users should also replace them.

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