



It will take at least 3 years before 5G is ready for commercial service but U Mobile is now a step closer with its commercial roll out of 4.5G. This is the first in Malaysia and it's made possible in collaboration with Huawei. With 4.5G, U Mobile promises twice the speed of 4G on supporting devices.

At the moment, it is available for U Mobile customers in Johor Bahru and it utilises both 1800MHz and 2600MHz bands. According to U Mobile CEO, Wong Heang Tuck, they had made huge investments on their network which would surpass RM1 billion this year. With the recent spectrum allocation, U Mobile will also gain access to 900MHz band which they will utilise to increase its network capacity. As a result, customers can expect better experience starting in Johor Bahru, Ipoh, Penang and the Klang Valley.

Huawei has been [championing 4.5G](#) for the longest time and the [Huawei P10](#) was recently introduced as the world's first 4.5G smartphone. 4.5G has been standardised by 3GPP as LTE-Advanced Pro and in theory, it can deliver Gigabit download speeds by enabling 4x4 MIMO, 256QAM and 3CC carrier aggregation.

# U Mobile is the first to launch 4.5G in Malaysia

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[Speed test by the prime minister's office shows U Mobile's 4.5G network is the fastest in Malaysia](#)