

UK Broadband Speed Test Results September 2017

This press release gives the aggregated speed test results from the hundreds of thousands of tests carried out by site users at www.broadband.co.uk during September 2017.

Fixed line home broadband providers – overview

Average fixed line download & upload speeds – September 2017		
ISP	Average Download Speed (Mbps)	Average Upload Speed (Mbps)
BT	23.863	5.116
EE	17.485	4.125
Plusnet	17.772	2.915
Post Office	5.955	0.816
Sky	15.603	3.445
TalkTalk	16.229	3.598
Virgin Media	54.137	6.581
Vodafone	24.905	6.264
All fixed line providers	25.641	4.843

Virgin Media retain first place, with average download speeds decreasing by 0.75Mbps to 54.14Mbps. Vodafone are in second place with download speeds also decreasing by 0.92Mbps to 24.91Mbps. BT are in third place, with download speeds rising by 0.89Mbps to 23.86Mbps. Plusnet are in fourth place, with download speeds increasing by 0.13Mbps to 17.77Mbps. EE remain in fifth place, with speeds rising by 1.26Mbps to 17.49Mbps.

Overall, the average download speeds across all fixed line providers rose by 0.83Mbps to 25.64Mbps since last month, with upload speeds also rose by 0.28Mbps to 4.84Mbps.

UK Broadband Speed Test Results September 2017

Consumer mobile broadband providers

Average consumer mobile download & upload speeds – September 2017		
ISP	Average Download Speed (Mbps)	Average Upload Speed (Mbps)
EE Mobile	24.733	5.49
O2 Mobile	13.334	3.099
Three Mobile	12.865	3.634
Vodafone Mobile	17.054	4.076
All consumer mobile	17.503	4.455

Unlike many other speed tests, our test supports users of mobile and tablet devices, and so we're able to provide information about average speeds for mobile broadband providers. Results from last month see EE holding first place with average download speeds falling by 1.73Mbps to 24.73Mbps. Vodafone remain in second place with download speeds falling by 0.64Mbps to 17.05Mbps. O2 are in third place, with speeds remaining stable at 13.33Mbps, while Three are in fourth place with download speeds rising by 1.04Mbps to 12.87Mbps.

Overall, the average download speed across all consumer mobile increased by 0.56Mbps to 18.06Mbps, while average mobile broadband upload speeds have risen by 0.41Mbps to 4.46Mbps.

UK Broadband Speed Test Results September 2017

Fixed line home broadband providers – time of day

Average fixed line download speeds split by time of day – September 2017			
ISP	Overnight (00:00 to 08:00) Average download speed (Mbps)	Daytime (08:00 to 18:00) Average download speed (Mbps)	Evening (18:00 to 00:00) Average download speed (Mbps)
BT	24.182	23.732	23.995
EE	17.247	17.938	16.733
Plusnet	17.022	17.471	18.613
Post Office	6.714	6.211	5.22
Sky	15.648	15.896	15.125
TalkTalk	17.132	16.033	16.287
Virgin Media	58.442	55.162	51.344
Vodafone	27.097	26.331	22.22
All fixed line providers	25.912	25.864	25.161

When the fixed line providers' average download speed is split to show separate figures for overnight, daytime and evening tests, we see how download speed is heavily influenced by the time of day.

For providers such as Virgin Media, Vodafone and the Post Office the overnight level shows significantly higher average speeds than the evening peak periods. This clearly shows the effects of network congestion on the average broadband connection at peak hours.

UK Broadband Speed Test Results September 2017

Supplemental fixed line broadband providers

Average download & upload speeds (supplemental) – September 2017		
ISP	Average Download Speed (Mbps)	Average Upload Speed (Mbps)
Daisy	22.967	6.857
Zen	25.962	8.392
KCOM	46.457	13.131
Hyperoptic	70.544	61.68
Eclipse Internet	17.974	5.78
Origin	9.977	3.498
186k	8.438	2.052
Relish	11.951	1.6
Gigaclear	65.044	58.918
Entanet	33.153	18.042
Demon Broadband	18.397	11.795

Here we list additional fixed line broadband providers with fewer customers making use of our speed test. All providers listed have sufficient test numbers across the month to make average speeds statistically significant, but not enough tests to be split by time of day. The lower down the list, the less confident we are about the overall accuracy of the average results.

It should be noted that some of these ISPs primarily supply broadband to the business market, and so might utilize technologies not available to the vast majority of broadband users. Home providers tend to have a peak of test numbers in the evening while primarily business providers, such as Zen or Daisy have the greatest number during the day time.

UK Broadband Speed Test Results September 2017

About the broadband.co.uk speed test results

- Our results are taken from our website users performing speed tests using our speed checker at <http://www.broadband.co.uk/broadband-speed-test/>
- We record hundreds of thousands of speed tests every month
- Unlike other speed test services we record the Internet Service Provider (ISP) by IP address making our ISP recording very accurate rather than relying on self selection. Certain ISPs resell their services as a wholesale or white label product, in these cases the wholesale ISP is matched
- We pick out the following 'big 8' fixed line ISPs for detailed reporting every month:
 - BT
 - EE (excluding 4G mobile broadband)
 - Post Office
 - Plusnet
 - Sky
 - TalkTalk
 - Virgin Media
 - Vodafone
- As our test is one of the few that will run on mobile devices and tablets, we're also able to report on the following mobile broadband providers:
 - EE
 - O2
 - Three
 - Vodafone

About [broadband.co.uk](http://www.broadband.co.uk)

- Our broadband price comparison is accredited by Ofcom as open, honest and transparent
- We are one of the original broadband information and comparison sites having been launched in 2004
- With well over 3 million visitors per year we are one of the UK's leading sources of broadband information and advice
- We provide beginners guides to all areas of broadband along with detailed buyers guides to the major broadband providers, speed tester and broadband postcode look-up functionality
- We provide a free "Ask the expert" service where our broadband expert answers any query related to broadband, technical, comparison and related

For more information contact Fiona Conner via email at press@broadband.co.uk