

UK Broadband Speed Test Results January 2016

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 January 2016.

Fixed line home broadband providers – overview

Average fixed line download & upload speeds – January 2016		
ISP	Average Download Speed (Mbps)	Average Upload Speed (Mbps)
BT	17.106	4.278
EE	9.115	2.12
Plusnet	13.448	3.065
Post Office	2.641	0.328
Sky	10.385	2.322
TalkTalk	13.386	1.94
Virgin Media	45.686	5.731
All fixed line providers	20.407	3.611

Please note: The amount of tests for the Post Office have increased to be statistically significant over the last three months, and so they have now been added to this table.

Virgin Media retain first place, with average download speeds falling by 0.88Mbps to 45.69Mbps. BT are in second place, with download speeds also dropping by 0.48Mbps to 17.11Mbps. Plusnet rise back up to third place, with speeds increasing by 0.88Mbps to 13.45Mbps. TalkTalk drop to fourth place, with download also increasing by 0.59Mbps to 13.39Mbps. Sky remain in fifth place, with download speeds decreasing by 0.54Mbps to 10.39Mbps.

Overall, the average download speed across all fixed line providers has remained stable since last month.

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Consumer mobile broadband providers

Average mobile download & upload speeds – January 2016		
ISP	Average Download Speed (Mbps)	Average Upload Speed (Mbps)
EE Mobile	17.903	3.888
O2 Mobile	11.697	2.748
Three Mobile	11.621	3.156
Vodafone Mobile	14.1	3.067
All consumer mobile	14.468	3.349

Unlike many other speed tests, our speed 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 January put EE in first place with download speeds averaging at 17.9Mbps, a 0.35Mbps increase since last month. Vodafone are in second place, also with a 0.35Mbps increase in download speeds to 14.1Mbps. O2 are still in third place with download speeds remaining stable at 11.7Mbps, while Three remain in fourth place with average speeds seeing an increase of 1.78Mbps to 11.62Mbps.

Overall, the average download speed across all mobile broadband providers was 14.47Mbps, a 1.16Mbps rise compared to last month, while average mobile broadband upload speeds have increased by 0.28Mbps to 3.35Mbps.

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Fixed line home broadband providers – time of day

Average fixed line download speeds by time of day – January 2016			
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	18.288	17.049	17.001
EE	9.957	9.326	8.726
Plusnet	14.927	13.359	13.304
Post Office	4.549	2.843	1.969
Sky	10.931	10.607	10.055
TalkTalk	14.408	13.636	12.841
Virgin Media	51.627	49.141	40.914
All fixed line providers	22.738	20.875	19.437

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, Post Office Broadband and TalkTalk 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.

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Supplemental fixed line broadband providers

Average download & upload speeds (supplemental) – January 2016		
ISP	Average Download Speed (Mbps)	Average Upload Speed (Mbps)
Zen	19.742	5.734
Daisy	16.236	4.448
Vodafone Broadband	21.555	6.902
KC	22.207	5.881
Eclipse Internet	9.786	2.007
Demon Broadband	5.991	1.618
BT Wi-Fi (aka BT Fon)	5.571	3.179
Entanet	12.647	4.882
Hyperoptic	68.404	62.663
Relish	11.336	1.66

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 may 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.

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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 7' fixed line ISPs for detailed reporting every month:
 - BT
 - EE (excluding 4G mobile broadband)
 - Post Office
 - Plusnet
 - Sky
 - TalkTalk
 - Virgin Media
- 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

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