

UK Broadband Speed Test Results December 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 December 2017.

Fixed line home broadband providers – overview

Average fixed line download & upload speeds – December 2017		
ISP	Average Download Speed (Mbps)	Average Upload Speed (Mbps)
BT	25.322	5.892
EE	16.673	3.808
Plusnet	18.45	3.71
Post Office	7.003	1.417
Sky	16.701	3.832
TalkTalk	16.186	3.702
Virgin Media	60.358	6.759
Vodafone	26.341	6.914
All fixed line providers	27.094	5.205

Virgin Media retain first place, with average download speeds increasing by 2.48Mbps to 60.36Mbps. Vodafone move back up second place with download speeds also increasing by 1.77Mbps to 26.34Mbps. BT drop to third place, with download speeds falling by 0.57Mbps to 25.32Mbps. Plusnet are in fourth place, with download speeds decreasing by 0.91Mbps to 18.45Mbps. Sky are in fifth place, with speeds remaining stable at 16.62Mbps.

Overall, the average download speeds across all fixed line providers remained stable at 27.09Mbps since last month, with upload speeds also stable at 5.2Mbps.

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Consumer mobile broadband providers

Average consumer mobile download & upload speeds – December 2017		
ISP	Average Download Speed (Mbps)	Average Upload Speed (Mbps)
EE Mobile	23.807	5.882
O2 Mobile	14.325	4.098
Three Mobile	13.736	4.104
Vodafone Mobile	18.383	5.315
All consumer mobile	18.337	5.175

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 1.07Mbps to 23.81Mbps. Vodafone remain in second place with download speeds also falling by 0.94Mbps to 18.38Mbps. O2 have moved up to third place, with speeds increasing by 1.51Mbps to 14.33Mbps, while Three drop to fourth place with download speeds falling by 0.67Mbps to 13.73Mbps.

Overall, the average download speed across all consumer mobile remained stable at 18.34Mbps, while average mobile broadband upload speeds have fallen by 0.13Mbps to 5.18Mbps.

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Fixed line home broadband providers – time of day

Average fixed line download speeds split by time of day – December 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	25.924	25.121	25.533
EE	18.413	16.017	17.278
Plusnet	20.345	18.293	18.261
Post Office	10.1	6.769	6.611
Sky	17.639	16.893	16.25
TalkTalk	17.286	16.476	15.438
Virgin Media	66.719	61.15	57.869
Vodafone	28.93	28.031	23.831
All fixed line providers	29.083	27.176	26.54

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, TalkTalk 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.

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Supplemental fixed line broadband providers

Average download & upload speeds (supplemental) – December 2017		
ISP	Average Download Speed (Mbps)	Average Upload Speed (Mbps)
Daisy	21.012	6.238
Origin	18.844	5.258
Zen	28.647	9.047
KCOM	49.888	12.89
Hyperoptic	92.684	76.991
Eclipse Internet	19.225	6.072
Relish	19.788	2.753
186k	11.768	2.828
Gigaclear	65.99	50.478

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.

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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 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

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