

## UK Broadband Speed Test Results August 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](http://www.broadband.co.uk) during August 2016.

### Fixed line home broadband providers – overview

<b>Average fixed line download &amp; upload speeds – August 2016</b>		
<b>ISP</b>	<b>Average Download Speed (Mbps)</b>	<b>Average Upload Speed (Mbps)</b>
BT	19.6	4.685
EE	11.703	2.908
Plusnet	15.867	3.144
Post Office	2.895	0.341
Sky	12.159	2.875
TalkTalk	12.893	1.983
Virgin Media	49.862	5.884
<b>All fixed line providers</b>	<b>22.478</b>	<b>4.023</b>

Virgin Media retain first place, with average download speeds rising by 0.47Mbps to 49.86Mbps. BT maintain second place, with download speeds falling by 1.92Mbps to 19.6Mbps. Plusnet remain in third place, with download speeds increasing by 0.38Mbps to 15.87Mbps. TalkTalk are still in fourth place, with speeds falling slightly by 0.2Mbps to 12.89Mbps. Sky continue to hold fifth place with speeds dropping slightly by 0.13Mbps to 12.16Mbps.

Overall, the average download and upload speed across all fixed line providers has remained stable.

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### Consumer mobile broadband providers

<b>Average consumer mobile download &amp; upload speeds – August 2016</b>		
<b>ISP</b>	<b>Average Download Speed (Mbps)</b>	<b>Average Upload Speed (Mbps)</b>
EE Mobile	22.836	4.854
O2 Mobile	12.189	2.791
Three Mobile	13.45	3.486
Vodafone Mobile	15.407	3.5
<b>All consumer mobile</b>	<b>16.883</b>	<b>3.837</b>

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 August see EE holding first place with average download speeds increasing by 0.74Mbps to 22.84Mbps. Vodafone remain in second place with download speeds falling by 0.45Mbps to 15.41Mbps. Three are in third place, with average speeds increasing by 1.29Mbps to 13.45Mbps, and O2 are in fourth place with download speeds at 12.19Mbps, a rise of 0.67Mbps over last month.

Overall, the average download speed across all consumer mobile was 16.88Mbps, a 0.81Mbps increase compared to last month, while average mobile broadband upload speeds have also risen by 0.27Mbps to 3.84Mbps.

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### Fixed line home broadband providers – time of day

<b>Average fixed line download speeds by time of day – August 2016</b>			
<b>ISP</b>	<b>Overnight</b> (00:00 to 08:00) Average download speed (Mbps)	<b>Daytime</b> (08:00 to 18:00) Average download speed (Mbps)	<b>Evening</b> (18:00 to 00:00) Average download speed (Mbps)
BT	19.635	19.48	19.801
EE	12.412	11.742	11.454
Plusnet	15.905	15.496	16.484
Post Office	3.829	3.182	2.307
Sky	12.532	12.381	11.735
TalkTalk	13.994	12.758	12.793
Virgin Media	54.331	52.623	44.988
<b>All fixed line providers</b>	<b>23.08</b>	<b>22.747</b>	<b>21.882</b>

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 Sky 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

<b>Average download &amp; upload speeds (supplemental) – August 2016</b>		
<b>ISP</b>	<b>Average Download Speed (Mbps)</b>	<b>Average Upload Speed (Mbps)</b>
Daisy	28.854	8.78
Zen	18.917	5.189
Vodafone Broadband	19.365	5.294
KCOM	28.457	5.23
Eclipse Internet	11.273	2.455
BT Wi-Fi (aka BT Fon)	5.068	1.886
Hyperoptic	63.906	53.995
Entanet	14.535	6.729
Demon Broadband	8.886	2.669
Gigaclear	44.263	43.035
Relish	14.103	2
connexin	6.704	2.309
IDNet	15.216	1.789

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 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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