

UK Broadband Speed Test Results July 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 July 2016.

Fixed line home broadband providers – overview

Average fixed line download & upload speeds – July 2016		
ISP	Average Download Speed (Mbps)	Average Upload Speed (Mbps)
BT	21.522	5.176
EE	10.998	2.604
Plusnet	15.487	3.21
Post Office	3.146	0.362
Sky	12.284	2.889
TalkTalk	13.088	1.91
Virgin Media	49.397	5.907
All fixed line providers	22.235	4.193

Virgin Media retain first place, with average download speeds rising by 2.31Mbps to 49.4Mbps. BT are in second place, with download speeds falling by 0.42Mbps to 21.52Mbps. Plusnet remain in third place, with download speeds increasing by 0.5Mbps to 15.5Mbps. TalkTalk are in fourth place, with speeds falling slightly by 0.38Mbps to 13.9Mbps. Sky continue to hold fifth place with speeds increasing by 0.45Mbps to 12.28Mbps.

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

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Consumer mobile broadband providers

Average consumer mobile download & upload speeds – July 2016		
ISP	Average Download Speed (Mbps)	Average Upload Speed (Mbps)
EE Mobile	22.093	4.331
O2 Mobile	11.521	2.727
Three Mobile	12.164	3.293
Vodafone Mobile	15.853	3.488
All consumer mobile	16.073	3.572

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 July see EE holding first place with average download speeds decreasing by 1.13Mbps to 22.09Mbps. Vodafone remain in second place with download speeds remaining stable at 15.85Mbps. Three are in third place, with average speeds decreasing by 1.25Mbps to 12.16Mbps, and O2 are in fourth place with download speeds at 11.52Mbps, a drop of 0.74Mbps over last month.

Overall, the average download speed across all consumer mobile was 16.07Mbps, a 1.04Mbps decrease compared to last month, while average mobile broadband upload speeds have also fallen by 0.27Mbps to 3.57Mbps.

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Fixed line home broadband providers – time of day

Average fixed line download speeds split by time of day – July 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	18.89	22.047	21.447
EE	11.566	11.088	10.702
Plusnet	15.379	15.587	15.345
Post Office	3.794	3.663	2.452
Sky	13.676	12.621	11.413
TalkTalk	14.016	12.979	12.968
Virgin Media	54.492	52.234	44.184
All fixed line providers	22.144	22.755	21.382

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 Post Office Broadband 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) – July 2016		
ISP	Average Download Speed (Mbps)	Average Upload Speed (Mbps)
Daisy	25.967	9.346
Zen	19.608	5.633
Vodafone Broadband	21.307	5.605
Eclipse Internet	12.819	3.046
KCOM	26.816	6.249
BT Wi-Fi (aka BT Fon)	5.209	2.27
Entanet	10.854	4.688
Demon Broadband	7.086	2.145
Hyperoptic	73.215	60.262
Claranet	28.926	11.143
Gigaclear	55.302	48.763
Relish	18.608	2.223
IDNet	10.919	1.716

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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