

Cable modems - technologies and applications.

IEEE Publications - modem



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Modem vs. Router: How Do They Differ?

A is one symbol per second; each symbol may encode one or more data bits. The phone line can actually handle higher frequencies than that and these and these higher frequencies are used to handle the upstream and downstream data between the DSLAM and the ADSL modem.

Best Internet Modems

While this Nighthawk arguably has the disadvantage of being a dual modem-router, it makes up for it with the unique feature of two included phone lines that function on the Comcast service. Bottom line: To achieve the fastest internet speeds available as of the time of this writing for Time Warner this is 300Mbps , you need to use a cable modem that is supported by your ISP, which usually means it supports DOCSIS 3. If you are one of the first users to connect to the Internet through a particular cable channel, then you may have nearly the entire bandwidth of the channel available for your use.

Fastest Cable Internet Speeds

If you live in an area where both cable and DSL is offered then you may find yourself being able to nab a better deal on your broadband service. If it happens frequently, you should ask your ISP what's going on — there might be an outage in your area they're trying to fix.

Cable Modem Terminology/Technology Guide

The two main categories of DSL for home subscribers are called ADSL and SDSL. It's not at all clear what the average user is supposed to glean from this.

Cable Modem

Here a whole range of issues need to be addressed and so it might be a good idea to briefly look at the first of these which are the transmission protocols. GlobalSpec will retain this data until you change or delete it, which you may do at any time.

How to Diagnose Cable Modem Issues: 8 Steps (with Pictures)

SDSL works by sending digital pulses in the high-frequency area of telephone wires and can not operate simultaneously with voice connections over the same wires. Alternatively, to take a different point of view, the more data there is to be transmitted so the more frequencies are needed. Again the phone company by law cannot cache the data.

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