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Subject: largest array, most memory accessible

Posted by [R.G. Stockwell](#) on Wed, 13 Oct 2004 20:05:23 GMT

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I was following some of the other threads about memory size, and wanted to see what the options are for a new computer I am considering. (I am looking at getting a dell dimension or something in that price range and wondering how much ram is useful. The main thing to spend money on is ram, even if I get a slower processor)

My dream would be to have an array of complex variables of size [1024, 1024, 1024,512], (four terrabytes of ram?) but I guess I can scrape by with arrays of [128,128,128,64] perhaps. I cannot test out these values on my current computers.

1) What is the largest array in IDL 6.1 on a winXP machine?

Is this 2 Gb?

2) What is the largest amount of ram IDL can access, i.e. can I make multiple copies of the array in question 1?

Is this limit also 2Gb or can IDL grab the full 4gbs?

Cheers,

bob

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