

Forum:[Hack Forums](#)

Thread: [Most powerful GPU available to the consumer?](#)

dOOmGUY - July 29, 2015, 12:48 pm

The most powerful I have heard of is the Titan X. Is this the most powerful there is? Are there GPUs that the government uses yet have not been available to us? What is the best one on the market right now?

Gt403cyl - July 29, 2015, 1:04 pm

(Jul 29, 2015 12:48 PM)dOOmGUY Wrote: [\[CITE\]](#) The most powerful I have heard of is the Titan X. Is this the most powerful there is? Are there GPUs that the government uses yet have not been available to us? What is the best one on the market right now?

It depends what you mean by powerful.....

There are different GPUs for other tasks the ones you hear about most are for "gaming" that are mainstream like Titan X or fury x ect.

there are cards like:

<http://www.nvidia.ca/object/tesla-servers.html>

<http://www.tigerdirect.ca/applications/SearchTools/item-details.asp?EdpNo=9107041&CatId=8754>

<http://www.tigerdirect.ca/applications/SearchTools/item-details.asp?EdpNo=9431647&CatId=28>

<http://pcpartpicker.com/part/amd-video-card-100505884>

<http://pcpartpicker.com/part/pny-video-card-vcqm6000pb>

But for gaming the 980Ti / Titan X/ Fury X are the top lines.

CyberneticTitan - July 29, 2015, 1:56 pm

Then there's the 'all-mighty' Titan Z that no one cares about lol.

Aesthetics - July 29, 2015, 2:14 pm

Tesla k80 is the fastest card on the market

Neckro - July 29, 2015, 2:50 pm

Fastest gaming oriented card is Arguably either the Titan X or the Titan Z.

webdev77 - July 29, 2015, 5:44 pm

(Jul 29, 2015 02:14 PM)Aesthetics Wrote: [\[CITE\]](#) Tesla k80 is the fastest card on the market This although it's not for anything besides general purpose GPU computing.

Intel's Xeon Phi is still less than half the performance of the Tesla k80 for double precision floating point computations.

F?? T?? L?? - July 29, 2015, 9:11 pm

GeForce GTX Titan X would be your best bet OP if you were looking to get one.

D3RP - July 29, 2015, 9:34 pm

'gpu's that the government has and isnt sharing'. Firstly you need to consider your terminology. GPU is intended for graphical work, I dont know why the government is keeping their graphical powerhouses a secret. Maybe you mean CPU's / ASIC/ FPGA designed for breaking passwords or other naughty things. Then yes you can rest assured there are plenty of secret processing units in

the hands of the NSA and other government agencies.

CyberneticTitan - July 29, 2015, 9:44 pm

(Jul 29, 2015 09:34 PM)D3RP Wrote: [\[CITE\]](#) 'gpu's that the government has and isnt sharing'. Firstly you need to consider your terminology. GPU is intended for graphical work, I dont know why the government is keeping their graphical powerhouses a secret. Maybe you mean CPU's / ASIC/ FPGA designed for breaking passwords or other naughty things. Then yes you can rest assured there are plenty of secret processing units in the hands of the NSA and other government agencies. C'mon now even the government needs to max out Crysis 3 every once in awhile.

/s

Serpius - July 30, 2015, 4:38 am

(Jul 29, 2015 01:04 PM)Gt403cyl Wrote: [\[CITE\]](#) It depends what you mean by powerful..... There are different GPUs for other tasks the ones you hear about most are for "gaming" that are mainstream like Titan X or fury x ect.

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The 2 TigerDirect links are for the graphic cards that are for the Proliant servers. That's a very limited market.

Rainbowrawr - July 30, 2015, 5:19 am

The fastest Card i know is R9 295x2 or Asus Ares III but these have 2 Gpus in it.

It's faster than Titan X and use only one Slot.

But only 500 exists and it cost 1500\$+.

Gt403cyl - July 30, 2015, 10:03 am

(Jul 30, 2015 04:38 AM)Serpius Wrote: [\[CITE\]](#) The 2 TigerDirect links are for the graphic cards that are for the Proliant servers. That's a very limited market.

Yes I know, but They are still examples of fast cards.

CocoaNut - August 1, 2015, 4:01 am

MSI Titan X. Rich kid in my class has a build with 2x of them..

ParadoxEpoch - August 21, 2015, 6:51 am

Forget the benchmarks and paper. Real world performance shows that the STRIX and MSI 980 Ti's beat out the Titan X in real world performance thanks to greater overlocks achieved through a better cooling system. What you'll notice is that all Titan X's for the moment are stuck with the single rear-blower style reference cooler which sucks for overclocking. Besides, even reference to reference the difference between the 980 Ti and Titan X is 10%, yet the price difference is over \$500AUD. Unjustifiable, that extra \$500 will get you another half of a second 980 Ti.

Then there's the Titan Z, which nobody gives two flying shits about.

xDarth_Shooter - August 21, 2015, 6:51 am

the 2 most powerful GPUs on the market are the 980Ti and the Titan X. however. even though the

Titan X may be advertised as the most powerful GPU, the 2 of them are identical except for the Titan X has a slightly high clock speed i think and it costs like \$500 more than the 980Ti. but other than that they are the same

ParadoxEpoch - August 21, 2015, 6:58 am

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On reference cards the 980 Ti and Titan X have identical clock speeds. Only differences to my understanding are SM units, cores and VRAM.