

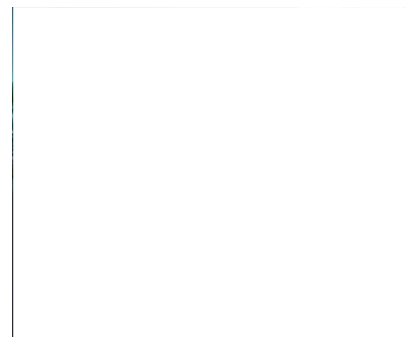
# Videocard Benchmarks


## Over 3,900 GPUs Benchmarked


### GeForce RTX 3080 Ti


Price and performance details for the GeForce RTX 3080 Ti can be found below. This is made using thousands of [PerformanceTest](#) benchmark results and is updated daily.


- The first graph shows the relative performance of the videocard compared to the 10 other common videocards in terms of PassMark G3D Mark.
- The 2nd graph shows the value for money, in terms of the G3DMark per dollar.





 **VIDEO CARD**

 **High End**  
 High Mid Range  
 Low Mid Range  
 Low End

 **Best Value**  
 Common  
 Market Share (30 Days)


 **Compare** <sup>0</sup>

 **Video Card Mega List**  
 Search Model

 **GPU Compute**  
 Video Card Chart  
  
 Power Performance  
 Video Card Chart  
  
 2D Graphics  
 Video Card List

**GeForce RTX 3080 Ti**

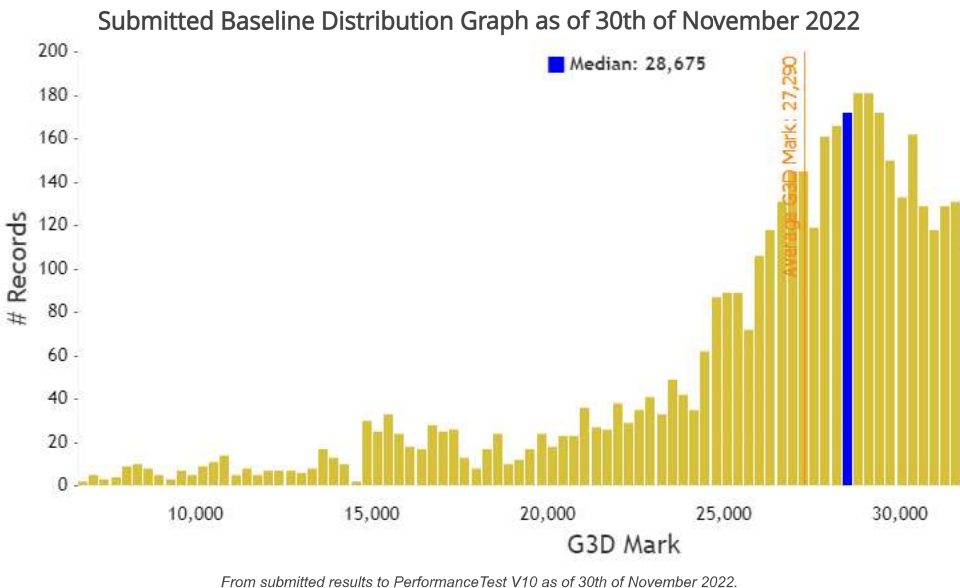
<b>Bus Interface:</b> PCIe 4.0 x16	<b>Max Memory Size:</b> 12288 MB
<b>Core Clock(s):</b> 1370 MHz	<b>DirectX:</b> 12
<b>OpenGL:</b> 4.6	<b>Max TDP:</b> 350 W
<b>Videocard Category:</b> Desktop	
<b>Other names:</b> NVIDIA GeForce RTX 3080 Ti	
<b>Videocard First Benchmarked:</b> 2021-06-04	
<b>G3DMark/Price:</b> 23.73	
<b>Overall Rank:</b> 5	
<b>Last Price Change:</b> \$1149.99 USD (2022-11-23)	

**Average G3D Mark**  
  
  
**27290**  
  
 Average G2D Mark: 1082  
 Samples: 5083  
  
[+ Compare](#)


**Videocard Test Suite Average Results for GeForce RTX 3080 Ti**

DirectX 9	266 Frames/Sec
DirectX 10	389 Frames/Sec
DirectX 11	564 Frames/Sec
DirectX 12	112 Frames/Sec
GPU Compute	16640 Ops/Sec

### G3D Mark Distribution for GeForce RTX 3080 Ti



Ad



Rme Adi-2 Dac - Pozostały sprzęt...

już od 4 799 zł [Sprawdź ofertę](#)

▶

×

Merchant	Price	Purchase
amazon	\$1,149.99 USD	<a href="#">BUY NOW!</a>
newegg	\$2,019.00 USD	<a href="#">BUY NOW!</a>
BEST BUY	\$1,567.99 USD	<a href="#">BUY NOW!</a>

Note: PassMark Software may earn compensation for sales from links on this site through affiliate programs.



\$500 -

\$0 -

Jul '21 Sep '21 Nov '21 Jan '22 Mar '22 May '22 Jul '22 S

### Machines with this Videocard (or similar)

	<a href="#">Thermaltake Avalanche i380T AIO Liquid Cooled Gaming PC (Intel® Core™ i9-12900KF, 3.20 GHz, 32GB DDR5 5200Mhz, NVIDIA® GeForce RTX™ 3080 Ti, Seagate FireCuda 530 NVMe 1TB, Win10 Home) D3AV-Z690-38T-LCS</a>	\$3799.93 (www.amazon.com)
	<a href="#">SkytechBlaze 3.0 Gaming PC Desktop – INTEL Core i7 11700F 2.5 GHz, RTX 3060 Ti, 1TB NVME SSD, 16G DDR4 3200, 600W GOLD PSU, AC Wi-Fi, Windows 10 Home 64-bit</a>	\$1399.99 (www.amazon.com)
	<a href="#">CLX Set Gaming Desktop - Liquid Cooled AMD Ryzen 9 5900X 3.7GHz 12-Core Processor, 32GB DDR4 Memory, GeForce RTX 3080 Ti 12GB GDDR6X Graphics, 500GB SSD, 4TB HDD, WiFi, Windows 11 Home 64-bit</a>	\$2349.49 (www.amazon.com)
	<a href="#">Skytech Chronos White Gaming PC Desktop – Intel Core i9 10900K 3.7 GHz, RTX 3080 Ti, 1TB NVME SSD, 32G DDR4 3200, 850W Gold PSU, 360mm AIO, AC Wi-Fi, Windows 10 Home 64-bit</a>	\$2199.99 (www.amazon.com)
	<a href="#">MSI Aegis RS (Tower) Gaming Desktop, Intel Core i9-12900KF, GeForce RTX 3080 Ti, 32GB Memory (Dual-CHL), 2TB SSD + 2TB HDD, WiFi 6E, Liquid Cooling, USB Type-C, VR-Ready, Windows 11 Home (12TF-253US)</a>	\$3541.12 (www.amazon.com)

Note: PassMark Software may earn compensation for sales from links on this site through affiliate programs.

### G3D Mark Relative to Top 10 Common Desktop Videocards

As of 2nd of December 2022 - Higher results represent better performance

#### Videocard

#### Average G3D Mark

GeForce RTX 3080 Ti	27,290
<a href="#">GeForce RTX 3080</a>	<a href="#">25,237</a>
<a href="#">GeForce RTX 3070</a>	<a href="#">22,347</a>
<a href="#">GeForce RTX 2070 SUPER</a>	<a href="#">18,209</a>
<a href="#">GeForce RTX 2060</a>	<a href="#">14,009</a>
<a href="#">GeForce GTX 1070</a>	<a href="#">13,508</a>
<a href="#">GeForce GTX 1060</a>	<a href="#">10,068</a>
<a href="#">Radeon RX 580</a>	<a href="#">8,925</a>
<a href="#">GeForce GTX 1650</a>	<a href="#">7,829</a>
<a href="#">GeForce GTX 1050 Ti</a>	<a href="#">6,296</a>

## Videocard Value (G3D Mark / \$Price )

 Video Card ▼

### Videocard

### Average G3D Mark

<a href="#">GeForce RTX 2060</a>		<a href="#">70.05</a>
<a href="#">GeForce GTX 1050 Ti</a>		<a href="#">52.47</a>
<a href="#">GeForce GTX 1650</a>		<a href="#">46.83</a>
<a href="#">GeForce RTX 3070</a>		<a href="#">44.69</a>
<a href="#">Radeon RX 580</a>		<a href="#">44.63</a>
<a href="#">GeForce GTX 1070</a>		<a href="#">39.43</a>
<a href="#">GeForce GTX 1060</a>		<a href="#">35.96</a>
<a href="#">GeForce RTX 2070 SUPER</a>		<a href="#">35.30</a>
<a href="#">GeForce RTX 3080</a>		<a href="#">31.55</a>
GeForce RTX 3080 Ti		23.73

PassMark Software © 2008-2022

## Last 5 Baselines for GeForce RTX 3080 Ti

*Most recent listed first*

### Videocard

### Average G3D Mark

<a href="#">BL1684666 - Dec 02 2022</a>		<a href="#">25603</a>
<a href="#">BL1684585 - Dec 02 2022</a>		<a href="#">15778</a>
<a href="#">BL1684566 - Dec 02 2022</a>		<a href="#">27646</a>
<a href="#">BL1684537 - Dec 02 2022</a>		<a href="#">31800</a>
<a href="#">BL1684531 - Dec 02 2022</a>		<a href="#">31607</a>

PassMark Software © 2008-2022

## Popular comparisons for GeForce RTX 3080 Ti

*As of 2nd of December 2022 - Higher results represent better performance*

### Videocard

### Average G3D Mark

GeForce RTX 3080 Ti		27,290
<a href="#">GeForce RTX 4090 vs GeForce RTX 3080 Ti</a>		<a href="#">39,076</a> (+43.2%)

<a href="#">GeForce RTX 4080 vs GeForce RTX 3080 Ti</a>	<a href="#">34,224</a> <small>(+25.4%)</small>
<a href="#">Radeon RX 6950 XT vs GeForce RTX 3080 Ti</a>	<a href="#">28,774</a> <small>(+5.4%)</small>
<a href="#">GeForce RTX 3090 vs GeForce RTX 3080 Ti</a>	<a href="#">26,743</a> <small>(-2.0%)</small>
<a href="#">GeForce RTX 3080 12GB vs GeForce RTX 3080 Ti</a>	<a href="#">26,670</a> <small>(-2.3%)</small>
<a href="#">Radeon RX 6900 XT vs GeForce RTX 3080 Ti</a>	<a href="#">26,359</a> <small>(-3.4%)</small>
<a href="#">GeForce RTX 3080 vs GeForce RTX 3080 Ti</a>	<a href="#">25,238</a> <small>(-7.5%)</small>
<a href="#">Radeon RX 6800 XT vs GeForce RTX 3080 Ti</a>	<a href="#">24,214</a> <small>(-11.3%)</small>
<a href="#">GeForce RTX 3070 Ti vs GeForce RTX 3080 Ti</a>	<a href="#">23,676</a> <small>(-13.2%)</small>
<a href="#">GeForce RTX 3070 vs GeForce RTX 3080 Ti</a>	<a href="#">22,348</a> <small>(-18.1%)</small>

PassMark Software © 2008-2022

