

# Videocard Benchmarks

Over 1,000,000 Video Cards Benchmarked

## Video Card List

Below is an alphabetical list of all Video Card types that appear in the charts. Clicking on a specific processor name will take you to the chart it appears in and will highlight it for you.

**Videocards** *Last Updated: 28th of March 2022*

Columns

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Videocard Name <input type="text" value="Search..."/>	G3D Mark	G2D Mark	TDP (W)	Category
	Min... Max...	Min... Max...	Min... Max...	
<a href="#">zxcvIntel HD 620</a>	944	208	NA	Unknown
<a href="#">ZX Chrome 645/640 GPU</a>	147	220	NA	Unknown
<a href="#">XGI Volari Family v1.13.23.D_V</a>	5	34	NA	Unknown
<a href="#">XFX Radeon HD 4650 AGP</a>	110	138	NA	Unknown
<a href="#">Xabre</a>	5	28	NA	Unknown
<a href="#">WinFast GT 610</a>	212	558	NA	Unknown
<a href="#">WinFast A250 LE</a>	5	197	NA	Unknown
<a href="#">VisionTek Radeon 7000</a>	2	117	NA	Unknown
<a href="#">VIA/S3G UniChromell</a>	6	225	NA	Unknown
<a href="#">VIA/S3G UniChrome Pro IGP</a>	5	164	NA	Unknown
<a href="#">VIA/S3G UniChrome IGP</a>	4	164	NA	Unknown
<a href="#">VIA/S3G KM400/KN400</a>	4	124	NA	Unknown
<a href="#">VIA/S3G DeltaChrome IGP</a>	3	125	NA	Unknown
<a href="#">VIA/S3G Chrome 645/640 GPU</a>	110	161	NA	Unknown
<a href="#">VIA/S3G C-645/640 GPU</a>	163	122	NA	Unknown
<a href="#">VIA Chrome9 HD IGP</a>	9	59	NA	Unknown
<a href="#">VIA Chrome9 HCM IGP</a>	2	94	NA	Unknown
<a href="#">VIA Chrome9 HC3 IGP</a>	3	157	NA	Unknown
<a href="#">VIA Chrome9 HC IGP WDDM 1.1</a>	3	147	NA	Unknown
<a href="#">VIA Chrome9 HC IGP WDDM</a>	3	144	NA	Unknown
<a href="#">VIA Chrome9 HC IGP Prerelease WDDM 1.1</a>	2	100	NA	Unknown
<a href="#">VIA Chrome9 HC IGP Family WDDM</a>	4	165	NA	Unknown
<a href="#">VIA Chrome9 HC IGP Family</a>	4	178	NA	Unknown

[VIA Chrome9 HC IGP](#)

Videocard Name

[Vanta/Vanta LT](#)

G3D Mark

Min... -

G2D Mark

Min... -

TDP (W)

Min... -

Category

 Video Card ▼

Videocard Name	G3D Mark	G2D Mark	TDP (W)	Category
<a href="#">TRINITY DEVASTATOR MOBILE</a>	699	335	NA	Unknown
<a href="#">TITAN Xp COLLECTORS EDITION</a>	18,445	910	250	Desktop
<a href="#">TITAN Xp</a>	19,508	992	NA	Unknown
<a href="#">TITAN V CEO Edition</a>	16,988	1,086	250	Desktop
<a href="#">TITAN V</a>	18,816	845	250	Desktop
<a href="#">TITAN RTX</a>	20,034	837	280	Workstation
<a href="#">Tesla V100-SXM2-16GB</a>	16,235	406	NA	Unknown
<a href="#">Tesla T4</a>	11,113	567	NA	Unknown
<a href="#">Tesla T10</a>	13,264	624	NA	Unknown
<a href="#">Tesla P100-PCIE-16GB</a>	7,225	572	NA	Unknown
<a href="#">Tesla M60</a>	7,771	563	NA	Unknown
<a href="#">Tesla M6</a>	7,509	441	NA	Unknown
<a href="#">Tesla M40 24GB</a>	11,658	372	NA	Unknown
<a href="#">Tesla M40</a>	10,117	364	NA	Unknown
<a href="#">Tesla M2070-Q</a>	1,306	444	NA	Unknown
<a href="#">Tesla M10</a>	3,490	522	NA	Unknown
<a href="#">Tesla K40m</a>	705	21	NA	Unknown
<a href="#">Tesla K20Xm</a>	5,428	329	NA	Unknown
<a href="#">Tesla K20m</a>	5,675	377	NA	Unknown
<a href="#">Tesla C2075</a>	3,118	589	NA	Unknown
<a href="#">Tesla C2070</a>	3,101	494	247	Workstation
<a href="#">Tesla C2050 / C2070</a>	3,428	568	238	Workstation
<a href="#">Tesla C2050</a>	3,515	493	NA	Unknown
<a href="#">TENSOR 1.0 Driver Intel HD 630</a>	1,300	873	NA	Unknown
<a href="#">T600 Laptop GPU</a>	6,677	320	NA	Unknown
<a href="#">T600</a>	6,478	732	NA	Unknown
<a href="#">T550 Laptop GPU</a>	4,894	364	NA	Unknown
<a href="#">T500</a>	3,583	299	NA	Unknown
<a href="#">T400 4GB</a>	3,712	693	NA	Unknown
<a href="#">T400</a>	3,641	572	NA	Unknown
<a href="#">T1200 Laptop GPU</a>	7,861	383	NA	Unknown
<a href="#">T1000 8GB</a>	7,065	675	NA	Unknown
<a href="#">T1000</a>	7,829	822	NA	Unknown
<a href="#">SUMO 964A</a>	498	403	NA	Unknown
<a href="#">SUMO 9644</a>	466	386	NA	Unknown
<a href="#">SUMO 9640</a>	650	398	NA	Unknown
<a href="#">Seria Radeon HD 7700</a>	1,604	201	NA	Unknown
<a href="#">Seria Mobility Radeon HD 3400</a>	125	148	NA	Unknown
<a href="#">Sapphire RADEON X800 GT</a>	113	274	NA	Unknown
<a href="#">SAPPHIRE Radeon X1550</a>	61	285	NA	Unknown
<a href="#">SAPPHIRE RADEON 9600 ATLANTIS</a>	47	149	NA	Unknown
<a href="#">SAPPHIRE RADEON 9000 ATLANTIS PRO</a>	5	158	NA	Unknown
<a href="#">S3 SuperSavage/IXC 1014</a>	2	147	NA	Unknown
<a href="#">S3 ProSavageDDR</a>	1	41	NA	Unknown
<a href="#">S3 Inc. Savage4</a>	3	21	NA	Unknown
<a href="#">S3 Chrome S25 DDR2</a>	18	252	NA	Unknown
<a href="#">S3 Chrome 430 III P</a>	40	310	NA	Unknown

**G3D Mark**  -

**G2D Mark**  -

**TDP (W)**  -

**Category**

**Video Card** ▼

<a href="#">Ryzen 9 5900HS with Radeon Graphics</a>	5,049	576	NA	Unknown
<a href="#">Ryzen 9 4900H with Radeon Graphics</a>	2,714	691	NA	Unknown
<a href="#">Ryzen 7 PRO 5850U with Radeon Graphics</a>	2,440	742	NA	Unknown
<a href="#">Ryzen 7 PRO 5750GE with Radeon Graphics</a>	2,613	876	NA	Unknown
<a href="#">Ryzen 7 PRO 5750G with Radeon Graphics</a>	2,591	894	NA	Unknown
<a href="#">Ryzen 7 PRO 4750U with Radeon Graphics</a>	2,028	548	NA	Unknown
<a href="#">Ryzen 7 PRO 4750GE with Radeon Graphics</a>	2,550	683	NA	Unknown
<a href="#">Ryzen 7 Pro 4750G with Radeon Graphics</a>	2,682	702	NA	Unknown
<a href="#">Ryzen 7 PRO 4700G with Radeon Graphics</a>	2,880	712	NA	Unknown
<a href="#">Ryzen 7 Extreme Edition</a>	2,158	559	NA	Unknown
<a href="#">Ryzen 7 5800U with Radeon Graphics</a>	2,467	729	NA	Unknown
<a href="#">Ryzen 7 5800HS with Radeon Graphics</a>	7,391	522	NA	Unknown
<a href="#">Ryzen 7 5800H with Radeon Graphics</a>	2,833	789	NA	Unknown
<a href="#">Ryzen 7 5700U with Radeon Graphics</a>	2,289	601	NA	Unknown
<a href="#">Ryzen 7 5700GE with Radeon Graphics</a>	2,675	894	NA	Unknown
<a href="#">Ryzen 7 5700G with Radeon Graphics</a>	2,709	846	NA	Unknown
<a href="#">Ryzen 7 4800U with Radeon Graphics</a>	2,344	570	NA	Unknown
<a href="#">Ryzen 7 4800HS with Radeon Graphics</a>	6,999	355	NA	Unknown
<a href="#">Ryzen 7 4800H with Radeon Graphics</a>	2,113	585	NA	Unknown
<a href="#">Ryzen 7 4700U with Radeon Graphics</a>	2,032	552	NA	Unknown
<a href="#">Ryzen 7 4700GE with Radeon Graphics</a>	2,496	761	NA	Unknown
<a href="#">Ryzen 7 4700G with Radeon Graphics</a>	2,187	671	NA	Unknown
<a href="#">Ryzen 7 2700U with Radeon Vega</a>	1,617	442	NA	Unknown
<a href="#">Ryzen 5 PRO 5650U with Radeon Graphics</a>	2,184	738	NA	Unknown
<a href="#">Ryzen 5 PRO 5650GE with Radeon Graphics</a>	2,506	865	NA	Unknown
<a href="#">Ryzen 5 PRO 5650G with Radeon Graphics</a>	2,513	873	NA	Unknown
<a href="#">Ryzen 5 PRO 4650U with Radeon Graphics</a>	1,696	526	NA	Unknown
<a href="#">Ryzen 5 PRO 4650GE with Radeon Graphics</a>	1,977	649	NA	Unknown
<a href="#">Ryzen 5 Pro 4650G with Radeon Graphics</a>	2,395	675	NA	Unknown
<a href="#">Ryzen 5 PRO 4500U with Radeon Graphics</a>	2,008	564	NA	Unknown
<a href="#">Ryzen 5 PRO 4400GE with Radeon Graphics</a>	1,442	563	NA	Unknown
<a href="#">Ryzen 5 PRO 4400G with Radeon Graphics</a>	2,306	599	NA	Unknown
<a href="#">Ryzen 5 5600U with Radeon Graphics</a>	2,160	673	NA	Unknown
<a href="#">Ryzen 5 5600H with Radeon Graphics</a>	2,387	730	NA	Unknown
<a href="#">Ryzen 5 5600GE with Radeon Graphics</a>	2,602	886	NA	Unknown
<a href="#">Ryzen 5 5600G with Radeon Graphics</a>	2,595	822	NA	Unknown
<a href="#">Ryzen 5 5500U with Radeon Graphics</a>	2,001	563	NA	Unknown
<a href="#">Ryzen 5 4600U with Radeon Graphics</a>	1,951	577	NA	Unknown
<a href="#">Ryzen 5 4600H with Radeon Graphics</a>	1,939	573	NA	Unknown
<a href="#">Ryzen 5 4600G with Radeon Graphics</a>	2,062	679	NA	Unknown
<a href="#">Ryzen 5 4500U with Radeon Graphics</a>	1,813	538	NA	Unknown
<a href="#">Ryzen 5 2500U with Radeon Vega</a>	1,503	388	NA	Unknown
<a href="#">Ryzen 3 PRO 5450U with Radeon Graphics</a>	1,556	644	NA	Unknown
<a href="#">Ryzen 3 PRO 5350GE with Radeon Graphics</a>	2,341	821	NA	Unknown
<a href="#">Ryzen 3 PRO 5350G with Radeon Graphics</a>	2,341	830	NA	Unknown
<a href="#">Ryzen 3 PRO 4450U with Radeon Graphics</a>	1,538	562	NA	Unknown
<a href="#">Ryzen 3 PRO 4350GE with Radeon Graphics</a>	2,181	694	NA	Unknown
<a href="#">Ryzen 3 Pro 4350G with Radeon Graphics</a>	2,190	663	NA	Unknown

Video Card Name	G3D Mark	G2D Mark	TDP (W)	Category
<a href="#">Ryzen 3 4300U with Radeon Graphics</a>	Min...	Min...	Min...	
Search				

## Video Card ▼

<a href="#">Ryzen 3 5400U with Radeon Graphics</a>	1,734	668	NA	Unknown
<a href="#">Ryzen 3 5300U with Radeon Graphics</a>	1,626	557	NA	Unknown
<a href="#">Ryzen 3 5300GE with Radeon Graphics</a>	2,386	840	NA	Unknown
<a href="#">Ryzen 3 5300G with Radeon Graphics</a>	2,223	805	NA	Unknown
<a href="#">Ryzen 3 4300U with Radeon Graphics</a>	1,348	493	NA	Unknown
<a href="#">Ryzen 3 4300GE with Radeon Graphics</a>	2,402	687	NA	Unknown
<a href="#">Ryzen 3 4300G with Radeon Graphics</a>	1,903	650	NA	Unknown
<a href="#">RV530 PRO</a>	119	386	NA	Unknown
<a href="#">RTX A6000</a>	21,753	818	300	Workstation
<a href="#">RTX A5000 Laptop GPU</a>	17,172	691	165	Mobile, Workstation
<a href="#">RTX A5000</a>	22,716	962	230	Workstation
<a href="#">RTX A4500</a>	21,546	892	NA	Unknown
<a href="#">RTX A4000 Laptop GPU</a>	16,544	561	140	Mobile, Workstation
<a href="#">RTX A4000</a>	19,519	930	140	Workstation
<a href="#">RTX A3000 Laptop GPU</a>	12,993	469	130	Mobile, Workstation
<a href="#">RTX A3000 12GB Laptop GPU</a>	9,975	459	NA	Unknown
<a href="#">RTX A2000 Laptop GPU</a>	10,207	450	95	Mobile, Workstation
<a href="#">RTX A2000</a>	13,065	897	NA	Unknown
<a href="#">RIVA TNT2/TNT2 Pro</a>	3	71	NA	Unknown
<a href="#">RIVA TNT2 Model 64/Model 64 Pro</a>	4	107	NA	Unknown
<a href="#">RGH Drivers v3</a>	11	312	NA	Unknown
<a href="#">Red Hat QXL controller</a>	32	270	NA	Unknown
<a href="#">Rage Fury Pro/Xpert 2000 Pro</a>	3	53	NA	Unknown
<a href="#">RAGE 128 PRO AGP 4X TMDS</a>	1	142	NA	Unknown
<a href="#">Rage 128 Pro</a>	1	40	NA	Unknown
<a href="#">RadeonT Vega 3</a>	775	391	NA	Unknown
<a href="#">RadeonT RX 6850M</a>	15,899	823	NA	Unknown
<a href="#">RadeonT RX 640</a>	1,363	281	NA	Unknown
<a href="#">RadeonT RX 560X</a>	1,810	676	NA	Unknown
<a href="#">RadeonT RX 5500M</a>	3,166	336	NA	Unknown
<a href="#">RadeonT RX 5300</a>	7,321	809	NA	Unknown
<a href="#">RadeonT R7 450</a>	2,185	930	NA	Unknown
<a href="#">RadeonT R5 430</a>	1,012	579	NA	Unknown
<a href="#">RadeonT 540X</a>	1,799	437	NA	Unknown
<a href="#">RadeonT</a>	132	40	NA	Unknown
<a href="#">Radeon. HD 7730M</a>	928	678	NA	Unknown
<a href="#">RADEON XPRESS 200M</a>	23	176	NA	Unknown
<a href="#">RADEON XPRESS 200 CROSSFIRE</a>	18	164	NA	Unknown
<a href="#">RADEON XPRESS 200</a>	30	188	NA	Unknown
<a href="#">Radeon Xpress 1300M</a>	40	195	NA	Unknown
<a href="#">Radeon Xpress 1300</a>	52	266	NA	Unknown
<a href="#">Radeon Xpress 1270</a>	27	191	NA	Unknown
<a href="#">Radeon Xpress 1250</a>	43	197	NA	Unknown
<a href="#">Radeon Xpress 1200</a>	36	192	NA	Unknown
<a href="#">Radeon Xpress 1150</a>	30	192	NA	Unknown
<a href="#">Radeon Xpress 1100</a>	34	187	NA	Unknown
<a href="#">RADEON X850 XT Platinum Edition</a>	82	261	NA	Desktop
<a href="#">RADEON X850 XT</a>	81	326	NA	Desktop

Video Card Name	G3D Mark	G2D Mark	TDP (W)	Category
<input type="text" value="RADEON X800 PRO"/>	<input type="text" value="Min..."/>	<input type="text" value="Min..."/>	<input type="text" value="Min..."/>	
<input type="text" value="Search"/>				

## Video Card ▼

<a href="#">RADEON X800 XT</a>	98	271	NA	Desktop
<a href="#">RADEON X800 XL</a>	69	271	NA	Desktop
<a href="#">RADEON X800 SE</a>	130	384	NA	Desktop
<a href="#">RADEON X800 PRO/GTO</a>	73	181	NA	Desktop
<a href="#">RADEON X800 PRO</a>	65	190	NA	Desktop
<a href="#">RADEON X800 GTO</a>	115	162	NA	Desktop
<a href="#">RADEON X800 GT</a>	84	423	NA	Desktop
<a href="#">RADEON X700 SE</a>	71	348	NA	Desktop
<a href="#">RADEON X700 PRO</a>	76	302	NA	Desktop
<a href="#">RADEON X700</a>	73	248	NA	Desktop
<a href="#">RADEON X600XT</a>	92	258	NA	Unknown
<a href="#">RADEON X600 256MB HyperMemory</a>	57	210	NA	Desktop
<a href="#">Radeon X550XTX</a>	71	240	NA	Unknown
<a href="#">RADEON X550XT</a>	56	224	NA	Unknown
<a href="#">RADEON X550</a>	51	266	NA	Desktop
<a href="#">RADEON X300SE</a>	38	242	NA	Unknown
<a href="#">Radeon X1950 Pro</a>	113	318	66	Desktop
<a href="#">Radeon X1950 GT</a>	106	279	57	Desktop
<a href="#">Radeon X1950 CrossFire Edition</a>	151	466	NA	Desktop
<a href="#">Radeon X1900 GT</a>	146	409	75	Desktop
<a href="#">Radeon X1900 CrossFire Edition</a>	137	507	100	Desktop
<a href="#">Radeon X1800 GTO</a>	141	415	48	Desktop
<a href="#">Radeon X1700 Targa Edition</a>	117	255	NA	Unknown
<a href="#">Radeon X1650 SE</a>	71	358	NA	Unknown
<a href="#">Radeon X1650 Pro</a>	85	241	44	Desktop
<a href="#">Radeon X1650 GTO</a>	75	384	NA	Unknown
<a href="#">Radeon X1600 XT</a>	116	356	42	Desktop
<a href="#">Radeon X1600 Pro / X1300XT</a>	69	285	NA	Unknown
<a href="#">Radeon X1600 Pro</a>	99	273	41	Desktop
<a href="#">Radeon X1600</a>	49	209	NA	Unknown
<a href="#">Radeon X1550 64-bit</a>	48	257	NA	Unknown
<a href="#">Radeon X1550</a>	67	253	27	Desktop
<a href="#">Radeon X1300 PRO</a>	84	313	NA	Unknown
<a href="#">Radeon X1300</a>	58	237	NA	Desktop
<a href="#">Radeon X1270</a>	31	169	NA	Unknown
<a href="#">Radeon X1250</a>	37	199	NA	Unknown
<a href="#">Radeon X1200</a>	33	169	NA	Unknown
<a href="#">Radeon X1050</a>	49	245	NA	Desktop
<a href="#">Radeon VII</a>	16,737	786	300	Desktop
<a href="#">Radeon Vega Frontier Edition</a>	13,748	753	350	Desktop
<a href="#">Radeon Vega 9</a>	1,666	442	NA	Unknown
<a href="#">Radeon Vega 8 Mobile</a>	1,436	348	NA	Unknown
<a href="#">Radeon Vega 8</a>	1,594	422	NA	Desktop, Mobile
<a href="#">Radeon Vega 6</a>	1,291	353	NA	Unknown
<a href="#">Radeon Vega 3 Mobile</a>	1,029	310	NA	Unknown
<a href="#">Radeon Vega 3</a>	888	309	NA	Unknown
<a href="#">Radeon Vega 2</a>	491	247	NA	Unknown
<a href="#">Radeon Vega 11</a>	1,847	510	NA	Unknown

[Radeon Vega 11](#)

**G3D Mark**  - **G2D Mark**  - **TDP (W)**  - **Category**

[Home](#) Video Card ▼


<a href="#">Radeon TM R9 A360</a>	2,105	718	NA	Unknown
<a href="#">Radeon Sky 500</a>	4,736	551	NA	Unknown
<a href="#">Radeon Ryzen Embedded V2748</a>	1,296	503	NA	Unknown
<a href="#">Radeon Ryzen Embedded V2718</a>	2,149	605	NA	Unknown
<a href="#">Radeon Ryzen 9 5900HX</a>	3,197	790	NA	Unknown
<a href="#">Radeon Ryzen 9 5900HS</a>	10,463	453	NA	Unknown
<a href="#">Radeon Ryzen 9 5900H</a>	2,755	837	NA	Unknown
<a href="#">Radeon Ryzen 9 4900HSS</a>	9,461	417	NA	Unknown
<a href="#">Radeon Ryzen 9 4900HS</a>	8,572	378	NA	Unknown
<a href="#">Radeon Ryzen 9 4900H</a>	2,717	660	NA	Unknown
<a href="#">Radeon Ryzen 7 PRO 5850U</a>	2,393	685	NA	Unknown
<a href="#">Radeon Ryzen 7 PRO 5750GE</a>	2,856	886	NA	Unknown
<a href="#">Radeon Ryzen 7 PRO 5750G</a>	2,071	769	NA	Unknown
<a href="#">Radeon Ryzen 7 PRO 4750U</a>	2,030	567	NA	Unknown
<a href="#">Radeon Ryzen 7 PRO 4750GE</a>	2,200	652	NA	Unknown
<a href="#">Radeon Ryzen 7 PRO 4750G</a>	2,627	709	NA	Unknown
<a href="#">Radeon Ryzen 7 Microsoft Surface Edition</a>	2,322	554	NA	Unknown
<a href="#">Radeon Ryzen 7 5800U</a>	2,318	683	NA	Unknown
<a href="#">Radeon Ryzen 7 5800H</a>	2,803	746	NA	Unknown
<a href="#">Radeon Ryzen 7 5700G</a>	2,780	853	NA	Unknown

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**Notes:**

- <sup>1</sup> Price is obtained from our affiliates. '\*' after the price denotes the last seen price for products that are no longer available.
- <sup>2</sup> Videocard Value is calculated by taking G3D Mark / Price.
- <sup>4</sup> Power Performance is calculated by taking G3D Mark / TDP.
- <sup>5</sup> Test Date is the date of our first benchmark submission.

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