

Załącznik do Szczegółowego Opisu Przedmiotu
Zamówienia-Część 1 zamówienia: Sprzęt IT

The screenshot shows the PassMark website's 'Video Card Benchmarks' section. The main heading is 'PassMark - G3D Mark' for 'High End Videocards'. The table lists various video cards with their average G3D marks and prices. The cards are sorted by their average G3D mark in descending order.

Videocard	Average G3D Mark	Price (USD)
GeForce RTX 4090	39,218	1,799.99*
GeForce RTX 4080	35,137	1,199.00
Radeon RX 7900 XTX	31,833	999.00*
GeForce RTX 4070 Ti	30,367	839.99
GeForce RTX 3090 Ti	29,809	1,099.99
Radeon RX 6950 XT	28,826	789.99
Radeon RX 7900 XT	28,348	899.99
GeForce RTX 3080 Ti	27,353	1,049.99
GeForce RTX 3090	26,834	1,709.18
GeForce RTX 3080 12GB	26,798	NA
Radeon RX 6900 XT	26,596	779.99
GeForce RTX 3080	25,336	1,099.99
Radeon RX 6800 XT	24,479	639.99
GeForce RTX 3070 Ti	23,716	599.99
RTX A5000	23,450	2,141.99
RTX A5500	22,734	NA
GeForce RTX 3070	22,409	569.99
RTX A6000	22,079	4,689.99
GeForce RTX 2080 Ti	21,883	1,124.99*
Radeon RX 6850M XT	21,792	NA
Radeon RX 6800	21,681	549.99
Radeon RX 6750 XT	21,395	434.99

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GPU Model	Score	Price
RTX A4500	20,790	2,099.99
NVIDIA A10	20,591	NA
GeForce RTX 3060 Ti	20,535	399.99
GeForce RTX 3080 Ti Laptop GPU	20,455	NA
TITAN RTX	19,853	2,794.99*
Quadro GV100	19,616	8,999.00*
Quadro RTX 8000	19,572	4,741.49*
GeForce RTX 2080 SUPER	19,554	740.99*
Radeon RX 6700 XT	19,501	390.82
TITAN V	19,435	1,999.99*
Quadro RTX 6000	19,177	6,300.00*
NVIDIA TITAN Xp	19,160	1,645.00*
RTX A4000	19,129	979.99
Radeon PRO W6800	19,099	1,899.99
Radeon RX 6700	18,961	NA
TITAN Xp COLLECTORS EDITION	18,955	NA
GeForce RTX 2080	18,787	797.05*
NVIDIA A10G	18,724	NA
RTX A5500 Laptop GPU	18,474	NA
GeForce GTX 1080 Ti	18,463	483.82*
GeForce RTX 3070 Ti Laptop GPU	18,364	NA
GeForce RTX 2070 SUPER	18,217	529.99*
RTX A4500 Laptop GPU	18,007	NA
Radeon RX 6650 XT	17,729	294.99
Radeon Pro W5700X	17,591	NA
GeForce RTX 3060	17,139	349.99
TITAN V CEO Edition	16,988	NA

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GPU Model	Score	Price
Radeon RX 5700 XT	16,944	799.00*
Tesla P40	16,864	NA
Radeon Pro VII	16,853	NA
Radeon VII	16,832	1,899.95*
Radeon RX 5700 XT 50th Anniversary	16,728	NA
GeForce RTX 3080 Laptop GPU	16,685	NA
GeForce RTX 2060 SUPER	16,576	304.99*
Radeon RX 6600 XT	16,264	274.99
Tesla V100-SXM2-16GB	16,235	NA
Quadro RTX 5000	16,200	NA
GeForce RTX 2070	16,140	269.99*
RTX A5000 Laptop GPU	16,132	NA
Miracast display port driver V3	15,910	NA
GeForce RTX 2060 12GB	15,778	NA
Quadro P6000	15,717	3,250.00*
RTX A4000 Laptop GPU	15,659	NA
Quadro GP100	15,608	NA
Radeon Pro Vega II	15,592	NA
Radeon Pro W5700	15,507	684.99
Quadro RTX 4000	15,478	899.00*
GeForce RTX 3070 Laptop GPU	15,460	NA
GeForce GTX 1080	15,395	442.79*
GeForce RTX 2080 (Mobile)	15,107	NA
Radeon RX 6800S	15,059	NA
Radeon PRO W6600	14,868	NA
Radeon RX 6600	14,862	329.00*
Quadro RTX 5000 (Mobile)	14,832	NA
RTX A3000 12GB Laptop GPU	14,815	NA

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The screenshot shows the PassMark Software website's Video Card Benchmarks page. The page features a navigation menu with categories like CPU Benchmarks, Video Card Benchmarks (highlighted), Hard Drive Benchmarks, RAM, PC Systems, Android, and iOS / iPhone. A list of 25 video cards is displayed, each with a performance bar, a score, and a price. The scores range from 13,113 to 14,816. Prices are listed in various currencies, including PLN (e.g., 899.95*, 578.40*, 749.99*). A search bar is visible in the top right corner. The Windows taskbar at the bottom shows the date as 2023-01-09 and the time as 14:01.

GPU Model	Score	Price
RTX A3000 12GB Laptop GPU	14,816	NA
Radeon RX 5700	14,679	899.95*
GeForce GTX 1070 Ti	14,658	578.40*
Radeon RX Vega 64	14,645	749.99*
Radeon Pro Vega 64X	14,631	NA
GeForce RTX 2070 Super with Max-Q Design	14,132	NA
RTX A2000 12GB	14,120	NA
GeForce RTX 2060	14,044	279.99
Radeon Pro WX 8200	13,926	1,599.39*
Quadro RTX 5000 with Max-Q Design	13,915	NA
GeForce GTX 980 Ti	13,875	800.30
Radeon RX 5600 XT	13,827	545.00*
GeForce RTX 2080 Super with Max-Q Design	13,685	NA
NVIDIA TITAN X	13,660	608.10*
Radeon RX 6700S	13,660	NA
RTX A2000	13,653	477.99
Radeon RX Vega 56	13,632	752.99*
Radeon Vega Frontier Edition	13,598	1,679.99*
GeForce GTX 1070	13,531	342.55*
Radeon Pro WX 9100	13,430	NA
GeForce RTX 2080 with Max-Q Design	13,271	2,099.99*
Radeon RX 6700M	13,213	349.99
GeForce GTX TITAN X	13,211	1,096.99*
Radeon RX 6650M	13,158	NA
Radeon Ryzen 9 7900X 12-Core	13,153	NA
GeForce RTX 3060 Laptop GPU	13,142	309.99*
Radeon PRO W6600X	13,113	NA

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GPU Model	Score	iOS / iPhone
Radeon PRO W6600X	10,110	NA
Radeon 6700	13,111	NA
Quadro RTX 4000 with Max-Q Design	13,029	NA
GeForce GTX 1660 SUPER	12,785	253.84
Radeon Pro Vega 64	12,779	NA
RTX A3000 Laptop GPU	12,741	NA
Radeon RX 5600 OEM	12,738	NA
Quadro P5200	12,737	NA
GeForce RTX 3050	12,695	269.99
Radeon Pro 5700 XT	12,687	NA
Quadro P5200 with Max-Q Design	12,659	NA
Tesla T10	12,650	NA
Quadro RTX 4000 (Mobile)	12,602	NA
Radeon Pro Vega 56	12,564	NA
Radeon Ryzen 9 7950X 16-Core	12,478	NA
Radeon RX 6600M	12,395	209.95
GeForce RTX 2070 (Mobile)	12,354	NA
Radeon RX 6850M	12,274	NA
Radeon Pro V520 MxGPU	12,258	NA
Radeon RX 6800M	12,158	NA
Quadro P5000	12,047	1,868.99*
Quadro M6000	11,958	4,827.53*
GeForce RTX 2070 with Max-Q Design	11,933	NA
GeForce GTX 1660 Ti	11,905	229.99
Quadro M6000 24GB	11,879	NA
Quadro P4200 with Max-Q Design	11,869	NA
GeForce RTX 3050 OEM	11,847	NA
Radeon Pro 5700	11,844	NA

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GPU Model	Score	Performance Bar	Additional Info
GeForce GTX 1660	11,747	Blue	311.99
GeForce GTX 1080 with Max-Q Design	11,483	Orange	NA
Quadro P4000	11,430	Brown	556.19*
GeForce RTX 2060 (Mobile)	11,355	Purple	NA
Radeon Pro Vega 48	11,353	Red	NA
Radeon RX 5600	11,288	Purple	NA
GeForce GTX 980	11,196	Yellow	247.35*
Quadro RTX 3000	11,085	Green	NA
RTX A1000 Embedded GPU	11,047	Red	NA
GRID P40-12Q	11,028	Blue	NA
RTX A2000 8GB Laptop GPU	10,998	Red	NA
Tesla T4	10,810	Blue	4,458.18*
Radeon Pro SSG	10,498	Orange	2,410.15*
Tesla M40 24GB	10,475	Brown	NA
GeForce GTX 1070 (Mobile)	10,465	Purple	NA
Quadro P4200	10,351	Red	NA
Tesla M40	10,194	Purple	600.00*
GeForce GTX 1660 Ti (Mobile)	10,176	Yellow	NA
RTX A2000 Laptop GPU	10,176	Green	NA
GeForce GTX 1650 SUPER	10,087	Blue	198.46*
GeForce GTX 1060	10,068	Red	279.99*
Radeon R9 Fury X	10,039	Blue	NA
GeForce GTX 1070 with Max-Q Design	10,033	Orange	NA
GeForce RTX 3050 Ti Laptop GPU	9,978	Brown	NA
Intel Arc A770	9,884	Purple	399.99*
GeForce RTX 2060 with Max-Q Design	9,753	Red	NA
Radeon R9 Fury + Fury X	9,741	Purple	449.99*
GeForce GTX 1660 2GB	9,720	Yellow	250.00*

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GPU Model	Score	Price
GeForce GTX 1060 3GB	9,728	269.99*
GeForce GTX 970	9,643	237.99*
Radeon RX 590	9,638	549.99*
Radeon R9 Fury	9,566	443.10*
Radeon R9 390X	9,465	NA
Radeon Ryzen 9 4900HSS	9,461	NA
Quadro P2200	9,436	459.80*
GeForce GTX 780 Ti	9,402	339.99*
Radeon RX 6500 XT	9,398	159.99
RTX A1000 Laptop GPU	9,326	NA
Radeon Pro 5600M	9,281	NA
Quadro M5000	9,254	499.00*
GeForce RTX 3050 Laptop GPU	9,236	269.99*
Quadro P3200 with Max-Q Design	9,230	NA
Radeon RX 5500 XT	9,201	184.99*
Intel Arc A750	9,191	NA
GeForce GTX TITAN Z	9,189	1,515.00*
Radeon Pro W5500	9,180	409.99
NVIDIA A40	9,170	NA
Quadro P4000 with Max-Q Design	9,083	NA
Radeon R9 390	9,066	NA
GeForce GTX TITAN Black	9,041	524.99*
Radeon RX 580	8,930	199.99*
Radeon Ryzen 7 4800HS	8,842	NA
Radeon RX 5500	8,839	NA
Radeon R9 290X	8,794	NA
GeForce GTX 1060 5GB	8,785	487.99*
Radeon RX590 GME	8,706	NA

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GPU Model	Score	Price
Radeon RX590 GME	8,706	NA
Radeon RX 480	8,694	339.99*
GeForce GTX 1660 Ti with Max-Q Design	8,672	NA
Quadro RTX 3000 with Max-Q Design	8,631	NA
Radeon R9 295X2	8,599	499.10*
Radeon Ryzen 9 4900HS	8,572	NA
Radeon R9 290	8,414	NA
Quadro P3200	8,392	389.30*
Radeon R9 290X / 390X	8,389	319.99*
Radeon Pro 5500 XT	8,355	NA
Radeon Pro Duo	8,324	1,199.06*
Tesla P4	8,230	NA
GeForce GTX Titan	8,163	745.00*
GeForce GTX 1060 (Mobile)	8,161	NA
Radeon R9 290 / 390	8,150	380.00*
Quadro K6000	8,119	210.66*
Radeon RX 470/570	8,098	388.99*
GeForce GTX 780	8,048	279.99*
Ryzen 9 6900HS	8,005	NA
Radeon Pro WX 7100	7,988	1,047.99*
GeForce GTX 1060 with Max-Q Design	7,952	NA
Ryzen 5 4600HS with Radeon Graphics	7,942	NA
FirePro W9100	7,928	1,729.99*
Quadro M5500	7,915	NA
Radeon RX 580 2048SP	7,896	NA
GeForce GTX 1650	7,837	139.99
Radeon RX 580X	7,798	NA
Tesla M60	7,771	787.90*

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GPU Model	Score	iOS / iPhone Score
Tesla M60	7,771	787.90*
Radeon Pro 580	7,753	NA
T1200 Laptop GPU	7,716	NA
T1000	7,712	362.54
Radeon RX 5600M	7,694	NA
T1000 8GB	7,560	NA
Radeon Pro 580X	7,540	NA
GeForce GTX 1650 Ti	7,513	NA
Tesla M6	7,509	199.00*
Radeon Pro 5300	7,493	NA
GeForce GTX 980M	7,367	289.99*
Radeon RX 6500M	7,363	NA
FirePro W8100	7,313	704.00*
Radeon RX 6400	7,298	154.99
Radeon RX 5300	7,298	NA
Tesla P100-PCIe-16GB	7,225	NA
Quadro T2000	7,205	528.35*
Quadro P2000	7,070	459.99
Intel Arc A770M	7,057	NA
Tesla K80	7,025	593.95*
Quadro M5000M	7,013	546.92*
Ryzen 7 4800HS with Radeon Graphics	6,999	NA
T600 Laptop GPU	6,972	NA
GeForce GTX 1650 (Mobile)	6,969	NA
Ryzen 7 6800HS with Radeon Graphics	6,867	NA
Quadro T2000 with Max-Q Design	6,862	NA
Radeon Pro 5500M	6,819	NA
Radeon PRO W6400	6,799	NA

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Video Card	Score	iOS / iPhone
Radeon PRO W6400	6,737	NA
GeForce GTX 970XM FORCE	6,707	NA
Radeon R9 285	6,680	NA
Quadro T1000 with Max-Q Design	6,667	NA
Radeon RX Vega M GH	6,629	NA
Quadro M4000	6,616	362.00*
Quadro P3000	6,564	NA
Quadro T1000	6,556	441.99*
GeForce RTX 2050	6,531	NA
T600	6,506	249.99*
GeForce GTX 1650 Ti with Max-Q Design	6,371	NA
Radeon Pro 570	6,337	NA
Quadro M4000M	6,329	254.91*
GeForce GTX 1050 Ti	6,300	206.28
Radeon R9 280X	6,263	NA
Radeon R9 380	6,241	89.99*
Radeon R9 380X	6,226	349.99*
Ryzen 9 5900HS with Radeon Graphics	6,220	NA
FirePro W9000	6,138	845.00*
GeForce MX570	6,052	NA
Radeon Pro WX Vega M GL	6,049	NA
GeForce GTX 960	6,027	172.00*
GeForce MX570 A	6,009	NA
GeForce GTX 1650 with Max-Q Design	5,973	NA
Radeon Pro 5300M	5,954	NA
Quadro K5200	5,947	415.00*
GRID P100-16Q	5,945	NA
GeForce GTX 1050 Ti (Mobile)	5,919	NA

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Video Card	Score	Price
GeForce GTX 770	5,867	249.00*
Ryzen 9 6900HS with Radeon Graphics	5,827	NA
A16	5,797	NA
Radeon PRO Ryzen 7 PRO 6850U	5,761	NA
GeForce GTX 970M	5,740	209.99*
Radeon Pro WX 7130	5,722	NA
Ryzen 9 PRO 6950H	5,661	NA
Radeon R9 280	5,610	NA
Ryzen 7 PRO 6850U	5,605	NA
GeForce GTX 690	5,577	280.99*
NVIDIA A40-12Q	5,573	NA
Radeon Pro WX 5100	5,568	359.99
Radeon HD 7990	5,566	399.99*
Radeon R9 285 / 380	5,550	485.00*
Quadro M3000M	5,547	159.95*
GeForce GTX 680	5,543	399.00*
GRID M60-8A	5,523	NA
Radeon Ryzen 7 6800H	5,512	NA
P106-100	5,473	NA
GeForce GTX 760 TI OEM	5,427	NA
Ryzen 9 6900HX	5,409	NA
GeForce GTX 1050 Ti with Max-Q Design	5,375	NA
GeForce GTX 950	5,354	141.99*
Ryzen 7 6800HS Creator Edition	5,345	NA
FirePro S10000	5,315	NA
GeForce GTX 670	5,296	193.98*
Radeon Ryzen 9 6900HX	5,267	NA

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GPU Model	Score	Relative Score
Radeon Ryzen 7 5800HS	5,266	NA
Radeon HD 7970 / R9 280X	5,248	246.99*
Ryzen 7 6800H	5,248	NA
Radeon Ryzen 7 7700X 8-Core	5,243	NA
Ryzen 7 6800HS	5,237	NA
Radeon HD 8990	5,214	NA
FirePro W7100	5,210	389.30*
GeForce GTX 1050 3GB	5,174	NA
Q12U-1	5,164	NA
Radeon R9 M295X	5,150	1,449.00*
GeForce GTX 760 Ti	5,145	297.50*
Radeon R9 M395	5,141	NA
Radeon Pro Vega 20	5,117	NA
Ryzen 7 PRO 6860Z	5,077	NA
Ryzen 9 PRO 6950HS with Radeon Graphics	5,068	NA
FirePro S9000	5,059	NA
GeForce GTX 1050	5,056	198.87
EIZO Quadro MED-XN51LP	5,048	NA
Ryzen 7 6800U	5,048	NA
RTX A500 Laptop GPU	5,033	NA
Radeon Ryzen 7 PRO 6850HS	5,032	NA
Ryzen 7 PRO 6850U with Radeon Graphics	4,966	NA
GeForce GTX 1630	4,955	139.99
Quadro P2000 with Max-Q Design	4,949	NA
Barco MXRT 7600	4,944	602.59*
Radeon RX 5500M	4,936	NA
Radeon R9 270X	4,930	326.50*