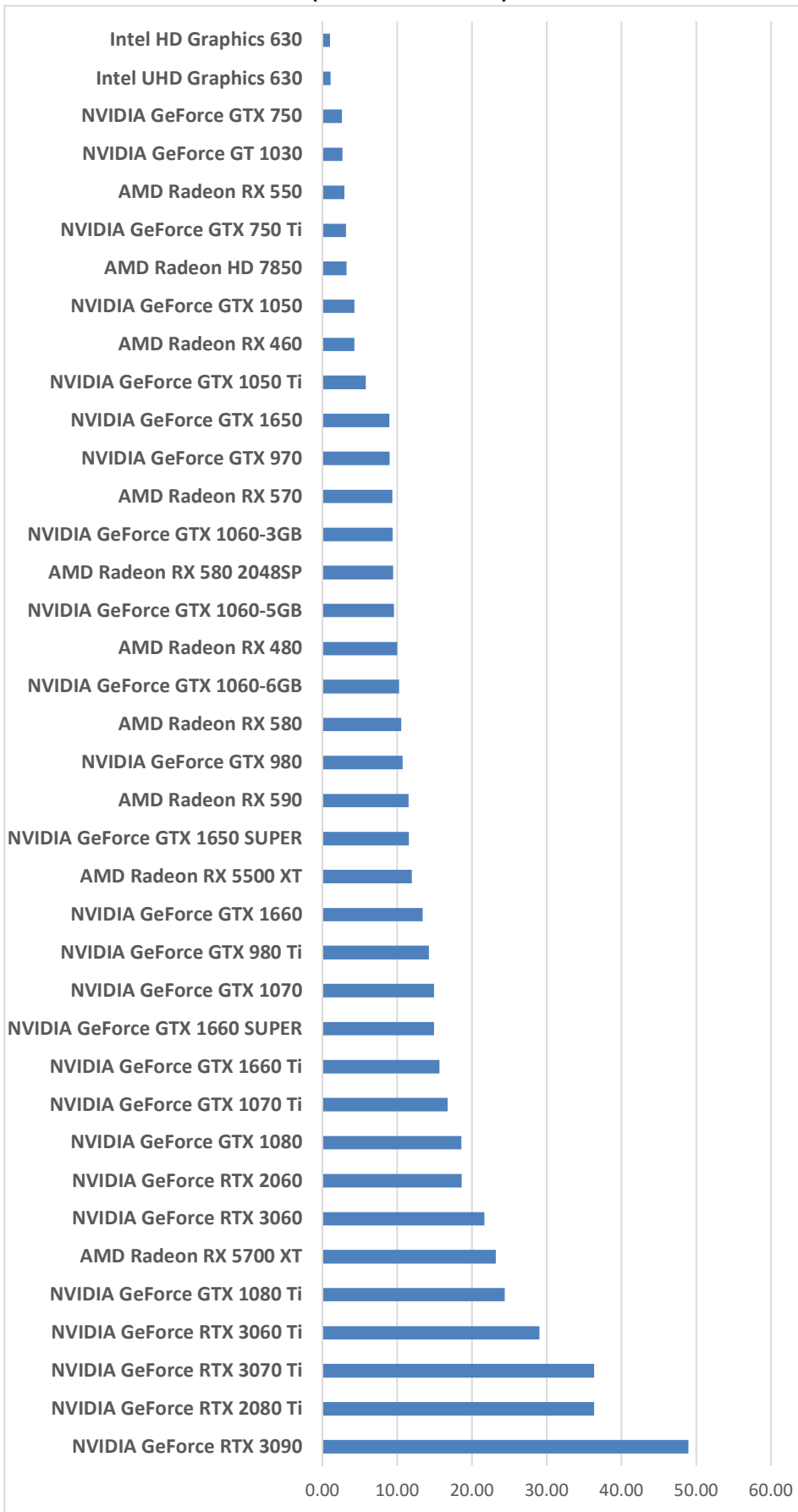
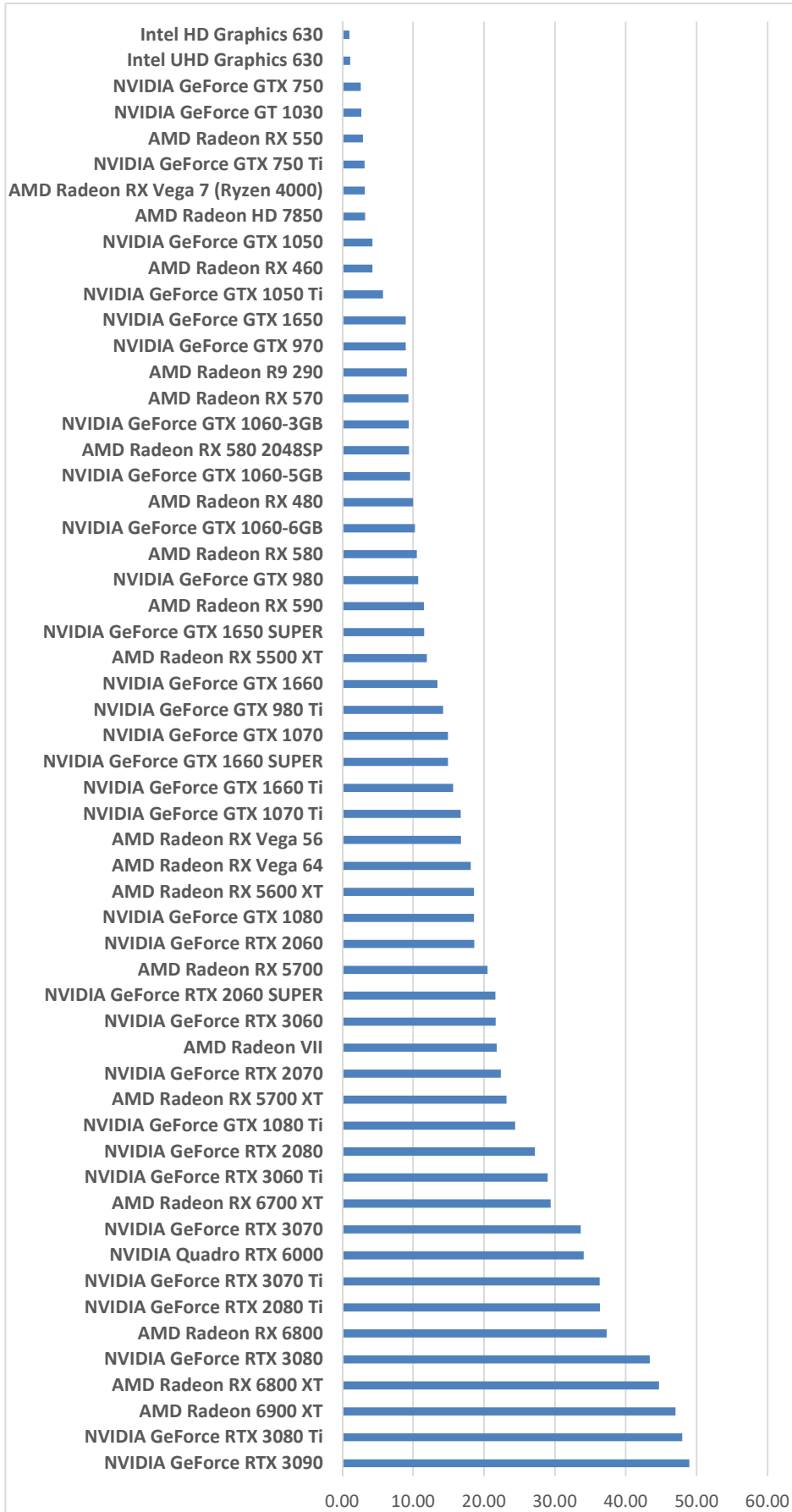


### DIRECT X 12 CARDS (SUMMARISED LIST)



## EXTENDED LIST



**SUMMARISED LIST**

Rank	Device	3DMark Graphics Score		
1	NVIDIA GeForce RTX 3090	48.95	19562	19970
9	NVIDIA GeForce RTX 2080 Ti	36.35	14421	14829
10	NVIDIA GeForce RTX 3070 Ti	36.34	14417	14825
15	NVIDIA GeForce RTX 3060 Ti	29.00	11425	11833
22	NVIDIA GeForce GTX 1080 Ti	24.38	9538	9946
24	AMD Radeon RX 5700 XT	23.19	9053	9461
27	NVIDIA GeForce RTX 3060	21.67	8432	8840
31	NVIDIA GeForce RTX 2060	18.61	7184	7592
32	NVIDIA GeForce GTX 1080	18.59	7176	7584
37	NVIDIA GeForce GTX 1070 Ti	16.73	6417	6825
38	NVIDIA GeForce GTX 1660 Ti	15.63	5971	6379
39	NVIDIA GeForce GTX 1660 SUPER	14.92	5681	6089
40	NVIDIA GeForce GTX 1070	14.91	5675	6083
42	NVIDIA GeForce GTX 980 Ti	14.22	5394	5802
43	NVIDIA GeForce GTX 1660	13.40	5061	5469
47	AMD Radeon RX 5500 XT	11.94	4462	4870
49	NVIDIA GeForce GTX 1650 SUPER	11.56	4308	4716
50	AMD Radeon RX 590	11.53	4295	4703
52	NVIDIA GeForce GTX 980	10.74	3975	4383
53	AMD Radeon RX 580	10.52	3886	4294
55	NVIDIA GeForce GTX 1060-6GB	10.25	3775	4183
56	AMD Radeon RX 480	10.02	3679	4087
59	NVIDIA GeForce GTX 1060-5GB	9.57	3497	3905
60	AMD Radeon RX 580 2048SP	9.44	3444	3852
61	NVIDIA GeForce GTX 1060-3GB	9.40	3426	3834
62	AMD Radeon RX 570	9.34	3404	3812
64	NVIDIA GeForce GTX 970	8.97	3251	3659
65	NVIDIA GeForce GTX 1650	8.94	3241	3649
76	NVIDIA GeForce GTX 1050 Ti	5.77	1948	2356
89	AMD Radeon RX 460	4.26	1331	1739
90	NVIDIA GeForce GTX 1050	4.26	1330	1738
100	AMD Radeon HD 7850	3.23	908	1316
102	NVIDIA GeForce GTX 750 Ti	3.15	877	1285
103	AMD Radeon RX 550	2.92	785	1193
106	NVIDIA GeForce GT 1030	2.67	683	1091
107	NVIDIA GeForce GTX 750	2.59	650	1058
116	Intel UHD Graphics 630	1.10	41	449
119	Intel HD Graphics 630	1	0	408

**EXTENDED LIST**

Rank	Device	rk Graphics Score		
1	NVIDIA GeForce RTX 3090	19562	48.95	19970
2	NVIDIA GeForce RTX 3080 Ti	19165	47.97	19573
3	AMD Radeon 6900 XT	18759	46.98	19167
4	AMD Radeon RX 6800 XT	17809	44.65	18217
6	NVIDIA GeForce RTX 3080	17291	43.38	17699
7	AMD Radeon RX 6800	14809	37.30	15217
9	NVIDIA GeForce RTX 2080 Ti	14421	36.35	14829
10	NVIDIA GeForce RTX 3070 Ti	14417	36.34	14825

11	NVIDIA Quadro RTX 6000	13489	34.06	13897
12	NVIDIA GeForce RTX 3070	13314	33.63	13722
14	AMD Radeon RX 6700 XT	11578	29.38	11986
15	NVIDIA GeForce RTX 3060 Ti	11425	29.00	11833
17	NVIDIA GeForce RTX 2080	10683	27.18	11091
22	NVIDIA GeForce GTX 1080 Ti	9538	24.38	9946
24	AMD Radeon RX 5700 XT	9053	23.19	9461
25	NVIDIA GeForce RTX 2070	8717	22.37	9125
26	AMD Radeon VII	8481	21.79	8889
27	NVIDIA GeForce RTX 3060	8432	21.67	8840
28	NVIDIA GeForce RTX 2060 SUPER	8405	21.60	8813
29	AMD Radeon RX 5700	7959	20.51	8367
31	NVIDIA GeForce RTX 2060	7184	18.61	7592
32	NVIDIA GeForce GTX 1080	7176	18.59	7584
33	AMD Radeon RX 5600 XT	7170	18.57	7578
34	AMD Radeon RX Vega 64	6988	18.13	7396
36	AMD Radeon RX Vega 56	6424	16.75	6832
37	NVIDIA GeForce GTX 1070 Ti	6417	16.73	6825
38	NVIDIA GeForce GTX 1660 Ti	5971	15.63	6379
39	NVIDIA GeForce GTX 1660 SUPER	5681	14.92	6089
40	NVIDIA GeForce GTX 1070	5675	14.91	6083
42	NVIDIA GeForce GTX 980 Ti	5394	14.22	5802
43	NVIDIA GeForce GTX 1660	5061	13.40	5469
47	AMD Radeon RX 5500 XT	4462	11.94	4870
49	NVIDIA GeForce GTX 1650 SUPER	4308	11.56	4716
50	AMD Radeon RX 590	4295	11.53	4703
52	NVIDIA GeForce GTX 980	3975	10.74	4383
53	AMD Radeon RX 580	3886	10.52	4294
55	NVIDIA GeForce GTX 1060-6GB	3775	10.25	4183
56	AMD Radeon RX 480	3679	10.02	4087
59	NVIDIA GeForce GTX 1060-5GB	3497	9.57	3905
60	AMD Radeon RX 580 2048SP	3444	9.44	3852
61	NVIDIA GeForce GTX 1060-3GB	3426	9.40	3834
62	AMD Radeon RX 570	3404	9.34	3812
63	AMD Radeon R9 290	3305	9.10	3713
64	NVIDIA GeForce GTX 970	3251	8.97	3659
65	NVIDIA GeForce GTX 1650	3241	8.94	3649
76	NVIDIA GeForce GTX 1050 Ti	1948	5.77	2356
89	AMD Radeon RX 460	1331	4.26	1739
90	NVIDIA GeForce GTX 1050	1330	4.26	1738
100	AMD Radeon HD 7850	908	3.23	1316
101	AMD Radeon RX Vega 7 (Ryzen 4000)	886	3.17	1294
102	NVIDIA GeForce GTX 750 Ti	877	3.15	1285
103	AMD Radeon RX 550	785	2.92	1193
106	NVIDIA GeForce GT 1030	683	2.67	1091
107	NVIDIA GeForce GTX 750	650	2.59	1058
116	Intel UHD Graphics 630	41	1.10	449
119	Intel HD Graphics 630	0	1	408