

GPU Name	VRAM	Power (W)	1080p FPS @ Ultra	1080p FPS @ High	1440p FPS @ Ultra	1440p FPS @ High	4K FPS @ Ultra	4K FPS @ High	Notes / Use-case
NVIDIA GeForce RTX 4090	24GB GDDR6X	450 W	240	280	210	260	130	170	Flagship 8K / AI
NVIDIA GeForce RTX 4080 SUPER	16GB GDDR6X	320 W	210	250	185	230	115	150	High-end 4K
NVIDIA GeForce RTX 4080	16GB GDDR6X	320 W	205	245	180	225	110	145	Great 4K gaming
NVIDIA GeForce RTX 4070 Ti SUPER	16GB GDDR6X	285 W	185	220	155	195	92	120	1440p beast
NVIDIA GeForce RTX 4070 Ti	12GB GDDR6X	285 W	180	215	150	190	88	115	1440p high refresh
NVIDIA GeForce RTX 4070 SUPER	12GB GDDR6X	220 W	170	205	140	180	80	105	Excellent value
NVIDIA GeForce RTX 4070	12GB GDDR6	200 W	160	195	130	165	72	95	Efficient 1440p
NVIDIA GeForce RTX 4060 Ti 16GB	16GB GDDR6	165 W	140	170	110	140	58	78	1080p/1440p
NVIDIA GeForce RTX 4060 Ti 8GB	8GB GDDR6	160 W	135	165	105	135	54	72	1080p gaming
NVIDIA GeForce RTX 4060	8GB GDDR6	115 W	125	155	95	120	48	64	Budget 1080p
NVIDIA GeForce RTX 3090 Ti	24GB GDDR6X	450 W	200	240	170	210	105	135	Last gen flagship
NVIDIA GeForce RTX 3090	24GB GDDR6X	350 W	190	230	162	200	98	128	4K capable
NVIDIA GeForce RTX 3080 Ti	12GB GDDR6X	350 W	185	225	158	195	94	122	High-end
NVIDIA GeForce RTX 3080	10GB GDDR6X	320 W	175	215	150	185	88	112	1440p/4K
NVIDIA GeForce RTX 3070 Ti	8GB GDDR6X	290 W	160	195	135	168	75	98	Solid 1440p
NVIDIA GeForce RTX 3070	8GB GDDR6	220 W	152	188	128	160	70	92	1440p sweet spot
NVIDIA GeForce RTX 3060 Ti	8GB GDDR6	200 W	142	175	115	145	60	80	Great 1080p
NVIDIA GeForce RTX 3060 12GB	12GB GDDR6	170 W	125	158	98	125	50	68	12GB VRAM
NVIDIA GeForce RTX 3060 8GB	8GB GDDR6	170 W	118	148	90	115	45	62	Entry 1080p
NVIDIA GeForce RTX 3050	8GB GDDR6	130 W	100	130	72	92	35	48	Budget
AMD Radeon RX 7900 XTX	24GB GDDR6	355 W	225	270	195	240	118	155	AMD flagship
AMD Radeon RX 7900 XT	20GB GDDR6	315 W	210	255	180	225	108	142	1440p/4K
AMD Radeon RX 7800 XT	16GB GDDR6	263 W	185	225	155	195	88	115	1440p excellent
AMD Radeon RX 7700 XT	12GB GDDR6	245 W	170	210	140	178	78	102	1440p value
AMD Radeon RX 7600 XT	16GB GDDR6	190 W	145	180	115	148	62	82	1080p/1440p
AMD Radeon RX 7600	8GB GDDR6	165 W	135	168	105	135	55	73	1080p gaming
AMD Radeon RX 6950 XT	16GB GDDR6	335 W	195	235	165	205	96	125	Last gen high-end
AMD Radeon RX 6900 XT	16GB GDDR6	300 W	188	228	158	198	92	120	High-end
AMD Radeon RX 6800 XT	16GB GDDR6	300 W	180	220	150	188	86	112	Great 1440p
AMD Radeon RX 6800	16GB GDDR6	250 W	170	208	138	172	78	102	16GB VRAM
AMD Radeon RX 6750 XT	12GB GDDR6	250 W	155	192	125	158	68	89	Mid-range
AMD Radeon RX 6700 XT	12GB GDDR6	230 W	148	185	118	150	64	84	1080p/1440p
AMD Radeon RX 6650 XT	8GB GDDR6	176 W	138	172	105	135	54	72	1080p high
AMD Radeon RX 6600 XT	8GB GDDR6	160 W	132	165	100	128	50	68	1080p good
AMD Radeon RX 6600	8GB GDDR6	132 W	120	150	88	112	44	60	Budget 1080p
AMD Radeon RX 6500 XT	4GB GDDR6	107 W	85	110	55	72	25	35	Entry
Intel Arc A770 16GB	16GB GDDR6	225 W	125	158	98	125	52	70	Intel flagship
Intel Arc A750	8GB GDDR6	225 W	115	145	88	112	46	62	Value
Intel Arc A580	8GB GDDR6	185 W	102	130	75	96	38	52	1080p
NVIDIA RTX 2080 Ti	11GB GDDR6	260 W	155	190	125	158	68	88	Previous gen flagship
NVIDIA RTX 2080 SUPER	8GB GDDR6	250 W	148	182	118	150	62	82	Solid 1440p
NVIDIA RTX 2070 SUPER	8GB GDDR6	215 W	135	168	105	135	55	74	1440p entry
NVIDIA RTX 2060 SUPER	8GB GDDR6	175 W	120	150	90	115	44	60	1080p
NVIDIA GTX 1660 Ti	6GB GDDR6	120 W	98	125	68	88	30	42	1080p budget
AMD Radeon RX 5700 XT	8GB GDDR6	225 W	125	158	95	122	48	65	Last gen mid
NVIDIA GTX 1080 Ti	11GB GDDR5X	250 W	128	162	98	125	50	68	Classic
NVIDIA GTX 1080	8GB GDDR5X	180 W	115	148	85	110	42	58	Legend
AMD Radeon RX 590	8GB GDDR5	225 W	80	105	55	72	25	36	Entry 1080p
NVIDIA GTX 1070 Ti	8GB GDDR5	180 W	100	128	72	92	34	48	Solid
NVIDIA GTX 1660 SUPER	6GB GDDR6	125 W	95	122	65	85	28	40	1080p
AMD Radeon RX 5600 XT	6GB GDDR6	150 W	110	140	80	102	38	52	1080p
Intel Arc A380	6GB GDDR6	75 W	72	95	48	65	22	32	Entry
NVIDIA GTX 1650 SUPER	4GB GDDR6	100 W	80	105	52	70	24	34	Budget
NVIDIA GTX 1050 Ti	4GB GDDR5	75 W	58	78	35	48	16	24	Legacy
AMD Radeon RX 5500 XT	8GB GDDR6	130 W	88	112	60	80	28	40	1080p

