

CPU	Type	Device	Cores	Threads	Base (GHz)	Max Turbo (GHz)	GPU	TDP (W)	Release	Single Threaded			Multi-Threaded				Comments
										Geekbench 5	Spec2017 Int	Spec2017 FP	Geekbench 5	Spec2017 Int	Spec2017 FP	MP Scaling	
Xeon Platinum 8380HL	Workstation		28	56	2.9	4.3	n/a	250	Q2 2020								Platinum supports 8 sockets; Gold 4; Silver/Bronze 2
Xeon Platinum 8280	Workstation		28	56	2.7	4	n/a	205	Q2 2019	1000	4.77	5.85	17821	106.17	107.82	0.64	
Ryzen 9 5950X	Desktop		16	32	3.4	4.9	n/a	105	Q4 2020	1672	7.29	9.65	16518	77.3	80.71	0.62	Top-end AMD Desktop CPU in 2020
Core i9-10980XE	Desktop		18	36	3.0	4.8	n/a	165	Q4 2019	1162			15432			0.74	
Xeon W-1290P	Workstation		10	20	3.7	5.3	HD P630	125	Q2 2020	1405	5.84	7.89	10968	43.3	43.98	0.78	Very similar to Core i9-10900K
Core i9-10900K	Desktop		10	20	3.7	5.3	UHD 630	125	Q2 2020	1405	6.14	8.2	10968	47.35	48.59	0.78	Top-end Intel Desktop CPU in 2020
Core i9-10910	Desktop		10	20	3.6	5	UHD 630	125	Q3 2020	1337			9630			0.72	
Core i9-9900	Desktop		8	16	3.1	5	UHD 630	65	Q2 2019	1296			8091			0.78	
M1	Mobile	Macbook/Mini	8	8	3.2		8-core	10 - 24	Q4 2020	1700	6.66	10.37	7500	28.85	38.71	0.55	4 high-perf cores, 4 high-eff cores
Core i9-10980HK	Mobile		8	16	2.4	5.3	UHD 630	45 - 65	Q3 2019	1300			7500			0.72	
Ryzen 9 4900H	Mobile		8	16	3.3	4.4	n/a	35 - 54	Q2 2020	1093	4.75	6.56	7042	31.62	33.15	0.80	Top-end AMD mobile CPU in 2020
Core i7-8700	Desktop	Dell SFF	6	12	3.2	4.6	UHD 630	65	Q4 2017	1160			5841			0.84	
Ryzen 7 4800U	Mobile		8	16	1.8	4.2	n/a	10 - 25	Q2 2020	1023	4.29	6.28	5836	25.14	28.25	0.71	
Core i7-1185G7	Mobile		4	8	1.2 - 3.0	4.8	Iris Xe	12 - 28	Q3 2020	1500	6.17	8.6	5000	21.52	25.87	0.83	Top-end Intel mobile in 2020
Core i7-1065G7	Mobile		4	8	1.3	3.9	Iris Plus	15	Q3 2019	1225			4600			0.94	
A14 Bionic	Mobile	iPhone 12	6	6	2.99		4-core		Q4 2020	1590			4100			0.43	2 high-perf cores, 4 high-eff cores
A11 Bionic	Mobile	iPhone X 2018	6	6	2.39		3-core		Q4 2017	919			2373			0.43	2 high-perf cores, 4 high-eff cores
A11 Bionic	Mobile	iPhone 8+ 2020	6	6	2.39		Apple		Q3 2017	920			2200			0.40	2 high-perf cores, 4 high-eff cores
Core i7-4610M	Mobile	Dell Laptop	2	4	3	3.7	HD 4600	37	Q1 2014	758			1614			1.06	
Core i5-6300U	Mobile	Surface Pro	2	4	2.4	3	HD 520	15	Q3 2015	645			1419			1.10	
A10 Fusion	Mobile	iPhone 7+ Q4 2	4	4	2.34		GT7600+		Q3 2016	770			1400			0.45	2 high-perf cores, 2 high-eff cores
Core i5-670	Desktop		2	4	3.46	3.73	HD	73	Q1 2010	500			1150			1.15	
Apple A9	Mobile	iPhone 6S+ 201	2	2	1.85		GT7600		Q3 2015	550			1000			0.91	2 high-perf cores
Apple Cyclone (Apple A7)	Mobile	Ipad mini 2 201	2	2	1.3		G6430		Q4 2013	270			510			0.94	iPad Mini 2 2013
ARM Cortex-A9 (Apple A5X)	Mobile	Ipad 3 2012	2	2	1		SGX543		Q1 2012	65			116			0.89	iPad 3 2012
ARM Cortex-A8 (Apple A4)	Mobile	Ipad 1 2010	1	1	1		SGX535		Q2 2010	25			25			1.00	iPad 1 2010