

Comparison of Desktop Intel® Processors

Product Collection	Processor Number	Quarter Launch	Year launch	Lithography (nm)	# of Cores	# of Threads	Processor Base Frequency (GHz)	Cache (MB)	Intel® Processor Graphics	Graphics Base Frequency (MHz)	Graphics Max Dynamic Frequency (GHz)
10th Gen	i9-10850K	Q3	2020	14	10	20	3.60	20	UHD 630	350	1.20
10th Gen	i9-10900K	Q2	2020	14	10	20	3.70	20	UHD 630	350	1.20
10th Gen	i9-10900KF	Q2	2020	14	10	20	3.70	20	N/A	N/A	N/A
10th Gen	i9-10900	Q2	2020	14	10	20	2.80	20	UHD 630	350	1.20
10th Gen	i9-10900T	Q2	2020	14	10	20	1.90	20	UHD 630	350	1.20
10th Gen	i9-10900F	Q2	2020	14	10	20	2.80	20	N/A	N/A	N/A
X-series	i9-10900X	Q4	2019	14	10	20	3.70	19.25	N/A	N/A	N/A
X-series	i9-10920X	Q4	2019	14	12	24	3.50	19.25	N/A	N/A	N/A
X-series	i9-10940X	Q4	2019	14	14	28	3.30	19.25	N/A	N/A	N/A
9th Gen	i9-9900KS	Q4	2019	14	8	16	4.00	16	UHD 630	350	1.20
X-series	i9-10900X	Q4	2019	14	10	20	3.70	19.25	N/A	N/A	N/A
X-series	i9-10920X	Q4	2019	14	12	24	3.50	19.25	N/A	N/A	N/A
X-series	i9-10940X	Q4	2019	14	14	28	3.30	19.25	N/A	N/A	N/A
X-series	i9-10980XE	Q4	2019	14	18	36	3.00	24.75	N/A	N/A	N/A
9th Gen	i9-9900	Q2	2019	14	8	16	3.10	16	UHD 630	350	1.20
9th Gen	i9-9900T	Q2	2019	14	8	16	2.10	16	UHD 630	350	1.20
9th Gen	i9-9900KF	Q1	2019	14	8	16	3.60	16	N/A	N/A	N/A
9th Gen	i9-9900K	Q4	2018	14	8	16	3.60	16	UHD 630	350	1.20
X-series	i9-9960X	Q4	2018	14	16	32	3.10	22	N/A	N/A	N/A
X-series	i9-9940X	Q4	2018	14	14	28	3.30	19.25	N/A	N/A	N/A
X-series	i9-9920X	Q4	2018	14	12	24	3.50	19.25	N/A	N/A	N/A
X-series	i9-9900X	Q4	2018	14	10	20	3.50	19.25	N/A	N/A	N/A
X-series	i9-9820X	Q4	2018	14	10	20	3.30	16.5	N/A	N/A	N/A
X-series	i9-9980XE	Q4	2018	14	18	36	3.00	24.75	N/A	N/A	N/A
X-series	i9-7980XE	Q3	2017	14	18	36	2.60	24.75	N/A	N/A	N/A
X-series	i9-7960X	Q3	2017	14	16	32	2.80	22	N/A	N/A	N/A
X-series	i9-7940X	Q3	2017	14	14	28	3.10	19.25	N/A	N/A	N/A
X-series	i9-7920X	Q3	2017	14	12	24	2.90	16.5	N/A	N/A	N/A
X-series	i9-7900X	Q2	2017	14	10	20	3.30	13.75	N/A	N/A	N/A