



Intel® Core™ Ultra Processors Comparison Chart for Laptops

Click the link in the processor number column to find more features



Processor Number	Intel Product Brand	Generation	Performance Tier	Year Launched	# cores	# of Performance Cores	# of Efficient Cores	# of Low Power Efficient Cores	# Threads	Max Turbo Frequency	Cache	Processor Base Power (previously known as TDP)	Minimum Assured Power (previously known as Configurable TDP-down)	Max Memory Size (dependent on memory type) (GB)	Memory Types	Processor Graphics	Graphics Max Dynamic Frequency	Max Resolution for HDMI, Max Resolution for DP, Max Resolution for (eDP - Integrated Flat Panel)	Instruction Set Extensions
388H	Intel® Core™ Ultra	Series 3	X9	2026	16	4	8	4	16	5.1 GHz	18 MB	25 W	15 W	96 (LP5)/N	Up to LPDDR5x 9600 MT/s	Intel® Arc™ B390 GPU	2.5 GHz	HDMI: 4K @ 60Hz (HDMI 2.1 TMDS) 8K @ 60Hz (HDMI2.1 FRL) DP: 7680 x 4320 @ 60Hz eDP: 3840x2400 @ 120Hz	Intel® SSE4.1 Intel® SSE4.2 Intel® AVX2
386H	Intel® Core™ Ultra	Series 3	9	2026	16	4	8	4	16	4.9 GHz	18 MB	25 W	15 W	128 (DDR5) 96 (LP5)/N	Up to LPDDR5x 8533 MT/s Up to DDR5 7200 MT/s	Intel® Graphics	2.5 GHz	HDMI: 4K @ 60Hz (HDMI 2.1 TMDS) 8K @ 60Hz (HDMI2.1 FRL) DP: 7680 x 4320 @ 60Hz eDP: 3840x2400 @ 120Hz	Intel® SSE4.1 Intel® SSE4.2 Intel® AVX2
368H	Intel® Core™ Ultra	Series 3	X7	2026	16	4	8	4	16	5.0 GHz	18 MB	25 W	15 W	96 (LP5)/N	Up to LPDDR5x 9600 MT/s	Intel® Arc™ B390 GPU	2.5 GHz	HDMI: 4K @ 60Hz (HDMI 2.1 TMDS) 8K @ 60Hz (HDMI2.1 FRL) DP: 7680 x 4320 @ 60Hz eDP: 3840x2400 @ 120Hz	Intel® SSE4.1 Intel® SSE4.2 Intel® AVX2
366H	Intel® Core™ Ultra	Series 3	7	2026	16	4	8	4	16	4.8 GHz	18 MB	25 W	15 W	128 (DDR5) 96 (LP5)/N	Up to LPDDR5x 8533 MT/s Up to DDR5 7200 MT/s	Intel® Graphics	2.5 GHz	HDMI: 4K @ 60Hz (HDMI 2.1 TMDS) 8K @ 60Hz (HDMI2.1 FRL) DP: 7680 x 4320 @ 60Hz eDP: 3840x2400 @ 120Hz	Intel® SSE4.1 Intel® SSE4.2 Intel® AVX2
365	Intel® Core™ Ultra	Series 3	7	2026	8	4	0	4	8	4.8 GHz	12 MB	25 W	12 W	128 (DDR5) 96 (LP5)/N	Up to LPDDR5x 6800 MT/s Up to DDR5 6400 MT/s	Intel® Graphics	2.5 GHz	HDMI: 4K @ 60Hz (HDMI 2.1 TMDS) 8K @ 60Hz (HDMI2.1 FRL) DP: 7680 x 4320 @ 60Hz eDP: 3840x2400 @ 120Hz	Intel® SSE4.1 Intel® SSE4.2 Intel® AVX2
358H	Intel® Core™ Ultra	Series 3	X7	2026	16	4	8	4	16	4.8 GHz	18 MB	25 W	15 W	96 (LP5)/N	Up to LPDDR5x 9600 MT/s	Intel® Arc™ B390 GPU	2.5 GHz	HDMI: 4K @ 60Hz (HDMI 2.1 TMDS) 8K @ 60Hz (HDMI2.1 FRL) DP: 7680 x 4320 @ 60Hz eDP: 3840x2400 @ 120Hz	Intel® SSE4.1 Intel® SSE4.2 Intel® AVX2
356H	Intel® Core™ Ultra	Series 3	7	2026	16	4	8	4	16	4.7 GHz	18 MB	25 W	15 W	128 (DDR5) 96 (LP5)/N	Up to LPDDR5x 8533 MT/s Up to DDR5 7200 MT/s	Intel® Graphics	2.45 GHz	HDMI: 4K @ 60Hz (HDMI 2.1 TMDS) 8K @ 60Hz (HDMI2.1 FRL) DP: 7680 x 4320 @ 60Hz eDP: 3840x2400 @ 120Hz	Intel® SSE4.1 Intel® SSE4.2 Intel® AVX2
355	Intel® Core™ Ultra	Series 3	7	2026	8	4	0	4	8	4.7 GHz	12 MB	25 W	12 W	128 (DDR5) 96 (LP5)/N	Up to LPDDR5x 6800 MT/s Up to DDR5 6400 MT/s	Intel® Graphics	2.5 GHz	HDMI: 4K @ 60Hz (HDMI 2.1 TMDS) 8K @ 60Hz (HDMI2.1 FRL) DP: 7680 x 4320 @ 60Hz eDP: 3840x2400 @ 120Hz	Intel® SSE4.1 Intel® SSE4.2 Intel® AVX2
338H	Intel® Core™ Ultra	Series 3	5	2026	12	4	8	4	12	4.7 GHz	18 MB	25 W	15 W	96 (LP5)/N	Up to LPDDR5x 8533 MT/s	Intel® Arc™ B370 GPU	2.4 GHz	HDMI: 4K @ 60Hz (HDMI 2.1 TMDS) 8K @ 60Hz (HDMI2.1 FRL) DP: 7680 x 4320 @ 60Hz eDP: 3840x2400 @ 120Hz	Intel® SSE4.1 Intel® SSE4.2 Intel® AVX2
336H	Intel® Core™ Ultra	Series 3	5	2026	12	4	8	4	12	4.6 GHz	18 MB	25 W	15 W	128 (DDR5) 96 (LP5)/N	Up to LPDDR5x 8533 MT/s Up to DDR5 7200 MT/s	Intel® Graphics	2.3 GHz	HDMI: 4K @ 60Hz (HDMI 2.1 TMDS) 8K @ 60Hz (HDMI2.1 FRL) DP: 7680 x 4320 @ 60Hz eDP: 3840x2400 @ 120Hz	Intel® SSE4.1 Intel® SSE4.2 Intel® AVX2
335	Intel® Core™ Ultra	Series 3	5	2026	8	4	0	4	8	4.6 GHz	12 MB	25 W	12 W	128 (DDR5) 96 (LP5)/N	Up to LPDDR5x 6800 MT/s Up to DDR5 6400 MT/s	Intel® Graphics	2.45 GHz	HDMI: 4K @ 60Hz (HDMI 2.1 TMDS) 8K @ 60Hz (HDMI2.1 FRL) DP: 7680 x 4320 @ 60Hz eDP: 3840x2400 @ 120Hz	Intel® SSE4.1 Intel® SSE4.2 Intel® AVX2
325	Intel® Core™ Ultra	Series 3	5	2026	8	4	0	4	8	4.5 GHz	12 MB	25 W	12 W	128 (DDR5) 96 (LP5)/N	Up to LPDDR5x 6800 MT/s Up to DDR5 6400 MT/s	Intel® Graphics	2.45 GHz	HDMI: 4K @ 60Hz (HDMI 2.1 TMDS) 8K @ 60Hz (HDMI2.1 FRL) DP: 7680 x 4320 @ 60Hz eDP: 3840x2400 @ 120Hz	Intel® SSE4.1 Intel® SSE4.2 Intel® AVX2
332	Intel® Core™ Ultra	Series 3	5	2026	6	4	0	4	6	4.4 GHz	12 MB	25 W	12 W	128 (DDR5) 96 (LP5)/N	Up to LPDDR5x 6800 MT/s Up to DDR5 6400 MT/s	Intel® Graphics	2.3 GHz	HDMI: 4K @ 60Hz (HDMI 2.1 TMDS) 8K @ 60Hz (HDMI2.1 FRL) DP: 7680 x 4320 @ 60Hz eDP: 3840x2400 @ 120Hz	Intel® SSE4.1 Intel® SSE4.2 Intel® AVX2
322	Intel® Core™ Ultra	Series 3	5	2026	6	4	0	4	6	4.4 GHz	12 MB	25 W	12 W	128 (DDR5) 96 (LP5)/N	Up to LPDDR5x 6800 MT/s Up to DDR5 6400 MT/s	Intel® Graphics	2.3 GHz	HDMI: 4K @ 60Hz (HDMI 2.1 TMDS) 8K @ 60Hz (HDMI2.1 FRL) DP: 7680 x 4320 @ 60Hz eDP: 3840x2400 @ 120Hz	Intel® SSE4.1 Intel® SSE4.2 Intel® AVX2
285HX	Intel® Core™ Ultra	Series 2	9	2025	24	8	16	N/A	24	5.5 GHz	36 MB	55 W	45 W	192 GB	Up to DDR5 6400 MT/s	Intel® Graphics	2 GHz	HDMI: 4K @ 60Hz (HDMI 2.1 TMDS) 8K @ 60Hz (HDMI2.1 FRL) DP: 7680 x 4320 @ 60Hz eDP: 3840x2400 @ 120Hz	Intel® SSE4.1 Intel® SSE4.2 Intel® AVX2
275HX	Intel® Core™ Ultra	Series 2	9	2025	24	8	16	N/A	24	5.4 GHz	36 MB	55 W	45 W	192 GB	Up to DDR5 6400 MT/s	Intel® Graphics	1.9 GHz	HDMI: 4K @ 60Hz (HDMI 2.1 TMDS) 8K @ 60Hz (HDMI2.1 FRL) DP: 7680 x 4320 @ 60Hz eDP: 3840x2400 @ 120Hz	Intel® SSE4.1 Intel® SSE4.2 Intel® AVX2
265HX	Intel® Core™ Ultra	Series 2	7	2025	20	8	12	N/A	20	5.3 GHz	30 MB	55 W	45 W	192 GB	Up to DDR5 6400 MT/s	Intel® Graphics	1.9 GHz	HDMI: 4K @ 60Hz (HDMI 2.1 TMDS) 8K @ 60Hz (HDMI2.1 FRL) DP: 7680 x 4320 @ 60Hz eDP: 3840x2400 @ 120Hz	Intel® SSE4.1 Intel® SSE4.2 Intel® AVX2
255HX	Intel® Core™ Ultra	Series 2	7	2025	20	8	12	N/A	20	5.2 GHz	30 MB	55 W	45 W	192 GB	Up to DDR5 6400 MT/s	Intel® Graphics	1.85 GHz	HDMI: 4K @ 60Hz (HDMI 2.1 TMDS) 8K @ 60Hz (HDMI2.1 FRL) DP: 7680 x 4320 @ 60Hz eDP: 3840x2400 @ 120Hz	Intel® SSE4.1 Intel® SSE4.2 Intel® AVX2
245HX	Intel® Core™ Ultra	Series 2	5	2025	14	6	8	N/A	14	5.1 GHz	24 MB	55 W	45 W	192 GB	Up to DDR5 6400 MT/s	Intel® Graphics	1.9 GHz	HDMI: 4K @ 60Hz (HDMI 2.1 TMDS) 8K @ 60Hz (HDMI2.1 FRL) DP: 7680 x 4320 @ 60Hz eDP: 3840x2400 @ 120Hz	Intel® SSE4.1 Intel® SSE4.2 Intel® AVX2
235HX	Intel® Core™ Ultra	Series 2	5	2025	14	6	8	N/A	14	5.1 GHz	24 MB	55 W	45 W	192 GB	Up to DDR5 6400 MT/s	Intel® Graphics	1.8 GHz	HDMI: 4K @ 60Hz (HDMI 2.1 TMDS) 8K @ 60Hz (HDMI2.1 FRL) DP: 7680 x 4320 @ 60Hz eDP: 3840x2400 @ 120Hz	Intel® SSE4.1 Intel® SSE4.2 Intel® AVX2
285H	Intel® Core™ Ultra	Series 2	9	2025	16	6	8	2	16	5.4 GHz	24 MB	45 W	35 W	128 GB	Up to LPDDR5x 8400 MT/s Up to DDR5 6400 MT/s	Intel® Arc™ 140T GPU	2.35 GHz	HDMI: 4096 x 2304 @ 60Hz (HDMI 2.1 TMDS) 7680 x 4320 @ 60Hz (HDMI2.1 FRL) DP: 7680 x 4320 @ 60Hz eDP: 3840x2400 @ 120Hz	Intel® SSE4.1 Intel® SSE4.2 Intel® AVX2
265H	Intel® Core™ Ultra	Series 2	7	2025	16	6	8	2	16	5.3 GHz	24 MB	28 W	20 W	128 GB	Up to LPDDR5x 8400 MT/s Up to DDR5 6400 MT/s	Intel® Arc™ 140T GPU	2.3 GHz	HDMI: 4096 x 2304 @ 60Hz (HDMI 2.1 TMDS) 7680 x 4320 @ 60Hz (HDMI2.1 FRL) DP: 7680 x 4320 @ 60Hz eDP: 3840x2400 @ 120Hz	Intel® SSE4.1 Intel® SSE4.2 Intel® AVX2
255H	Intel® Core™ Ultra	Series 2	7	2025	16	6	8	2	16	5.1 GHz	24 MB	28 W	20 W	128 GB	Up to LPDDR5x 8400 M	Intel® Arc™ 140T GPU	2.25 GHz	HDMI: 4096 x 2304 @ 60Hz (HDMI 2.1 TMDS) 7680 x 4320 @ 60Hz (HDMI2.1 FRL) DP: 7680 x 4320 @ 60Hz eDP: 3840x2400 @ 120Hz	Intel® SSE4.1 Intel® SSE4.2 Intel® AVX2
235H	Intel® Core™ Ultra	Series 2	5	2025	14	4	8	2	14	5.0 GHz	18 MB	28 W	20 W	128 GB	Up to LPDDR5x 8400 MT/s Up to DDR5 6400 MT/s	Intel® Arc™ 140T GPU	2.25 GHz	HDMI: 4096 x 2304 @ 60Hz (HDMI 2.1 TMDS) 7680 x 4320 @ 60Hz (HDMI2.1 FRL) DP: 7680 x 4320 @ 60Hz eDP: 3840x2400 @ 120Hz	Intel® SSE4.1 Intel® SSE4.2 Intel® AVX2

225H	Intel® Core™ Ultra	Series 2	5	2025	14	4	8	2	14	4.9 GHz	18 MB	28 W	20 W	128 GB	Up to LPDDR5x/8 8400 MT/s Up to DDR5 6400 MT/s	Intel® Arc™ 130T GPU	2.2 GHz	HDMI: 4096 × 2304 @ 60Hz (HDMI 2.1 FRL) TMDS: 7680 × 4320 @ 60Hz (HDMI2.1 FRL) DP: 7680 × 4320 @ 60Hz eDP: 3840x2400 @ 120Hz	Intel® SSE4.1 Intel® SSE4.2 Intel® AVX2
265U	Intel® Core™ Ultra	Series 2	7	2025	12	2	8	2	14	5.3 GHz	12 MB	15 W	12 W	128 GB	Up to LPDDR5x/8 8400 MT/s Up to DDR5 6400 MT/s	Intel® Graphics	2.1 GHz	HDMI: 4096 × 2304 @ 60Hz (HDMI 2.1 FRL) TMDS: 7680 × 4320 @ 60Hz (HDMI2.1 FRL) DP: 7680 × 4320 @ 60Hz eDP: 3840x2400 @ 120Hz	Intel® SSE4.1 Intel® SSE4.2 Intel® AVX2
255U	Intel® Core™ Ultra	Series 2	7	2025	12	2	8	2	14	5.3 GHz	12 MB	15 W	12 W	128 GB	Up to LPDDR5x/8 8400 MT/s Up to DDR5 6400 MT/s	Intel® Graphics	2.1 GHz	HDMI: 4096 × 2304 @ 60Hz (HDMI 2.1 FRL) TMDS: 7680 × 4320 @ 60Hz (HDMI2.1 FRL) DP: 7680 × 4320 @ 60Hz eDP: 3840x2400 @ 120Hz	Intel® SSE4.1 Intel® SSE4.2 Intel® AVX2
335U	Intel® Core™ Ultra	Series 2	5	2025	12	2	8	2	14	4.9 GHz	12 MB	15 W	12 W	128 GB	Up to LPDDR5x/8 8400 MT/s Up to DDR5 6400 MT/s	Intel® Graphics	2.05 GHz	HDMI: 4096 × 2304 @ 60Hz (HDMI 2.1 FRL) TMDS: 7680 × 4320 @ 60Hz (HDMI2.1 FRL) DP: 7680 × 4320 @ 60Hz eDP: 3840x2400 @ 120Hz	Intel® SSE4.1 Intel® SSE4.2 Intel® AVX2
225U	Intel® Core™ Ultra	Series 2	5	2025	12	2	8	2	14	4.8 GHz	12 MB	15 W	12 W	128 GB	Up to LPDDR5x/8 8400 MT/s Up to DDR5 6400 MT/s	Intel® Graphics	2 GHz	HDMI: 4096 × 2304 @ 60Hz (HDMI 2.1 FRL) TMDS: 7680 × 4320 @ 60Hz (HDMI2.1 FRL) DP: 7680 × 4320 @ 60Hz eDP: 3840x2400 @ 120Hz	Intel® SSE4.1 Intel® SSE4.2 Intel® AVX2
288V	Intel® Core™ Ultra	Series 2	9	2024	8	4	N/A	4	8	5.1 GHz	12 MB	30 W	17 W	32 GB	LPDDR5X up to 8533 MT/s	Intel® Arc™ Graphics 140V	2.05 GHz	HDMI: 4096 × 2304 @ 60Hz (HDMI 2.1 FRL) TMDS: 7680 × 4320 @ 60Hz (HDMI2.1 FRL) DP: 7680 × 4320 @ 60Hz eDP: 3840x2400 @ 120Hz	Intel® SSE4.1, Intel® SSE4.2, Intel® AVX2
268V	Intel® Core™ Ultra	Series 2	7	2024	8	4	N/A	4	8	5 GHz	12 MB	17 W	8 W	32 GB	LPDDR5X up to 8533 MT/s	Intel® Arc™ Graphics 140V	2 GHz	HDMI: 4096 × 2304 @ 60Hz (HDMI 2.1 FRL) TMDS: 7680 × 4320 @ 60Hz (HDMI2.1 FRL) DP: 7680 × 4320 @ 60Hz eDP: 3840x2400 @ 120Hz	Intel® SSE4.1, Intel® SSE4.2, Intel® AVX2
266V	Intel® Core™ Ultra	Series 2	7	2024	8	4	N/A	4	8	5 GHz	12 MB	17 W	8 W	16 GB	LPDDR5X up to 8533 MT/s	Intel® Arc™ Graphics 140V	2 GHz	HDMI: 4096 × 2304 @ 60Hz (HDMI 2.1 FRL) TMDS: 7680 × 4320 @ 60Hz (HDMI2.1 FRL) DP: 7680 × 4320 @ 60Hz eDP: 3840x2400 @ 120Hz	Intel® SSE4.1, Intel® SSE4.2, Intel® AVX2
258V	Intel® Core™ Ultra	Series 2	7	2024	8	4	N/A	4	8	4.8 GHz	12 MB	17 W	8 W	32 GB	LPDDR5X up to 8533 MT/s	Intel® Arc™ Graphics 140V	1.95 GHz	HDMI: 4096 × 2304 @ 60Hz (HDMI 2.1 FRL) TMDS: 7680 × 4320 @ 60Hz (HDMI2.1 FRL) DP: 7680 × 4320 @ 60Hz eDP: 3840x2400 @ 120Hz	Intel® SSE4.1, Intel® SSE4.2, Intel® AVX2
256V	Intel® Core™ Ultra	Series 2	7	2024	8	4	N/A	4	8	4.8 GHz	12 MB	17 W	8 W	16 GB	LPDDR5X up to 8533 MT/s	Intel® Arc™ Graphics 140V	1.95 GHz	HDMI: 4096 × 2304 @ 60Hz (HDMI 2.1 FRL) TMDS: 7680 × 4320 @ 60Hz (HDMI2.1 FRL) DP: 7680 × 4320 @ 60Hz eDP: 3840x2400 @ 120Hz	Intel® SSE4.1, Intel® SSE4.2, Intel® AVX2
238V	Intel® Core™ Ultra	Series 2	5	2024	8	4	N/A	4	8	4.7 GHz	8 MB	17 W	8 W	32 GB	LPDDR5X up to 8533 MT/s	Intel® Arc™ Graphics 130V	1.85 GHz	HDMI: 4096 × 2304 @ 60Hz (HDMI 2.1 FRL) TMDS: 7680 × 4320 @ 60Hz (HDMI2.1 FRL) DP: 7680 × 4320 @ 60Hz eDP: 3840x2400 @ 120Hz	Intel® SSE4.1, Intel® SSE4.2, Intel® AVX2
236V	Intel® Core™ Ultra	Series 2	5	2024	8	4	N/A	4	8	4.7 GHz	8 MB	17 W	8 W	16 GB	LPDDR5X up to 8533 MT/s	Intel® Arc™ Graphics 130V	1.85 GHz	HDMI: 4096 × 2304 @ 60Hz (HDMI 2.1 FRL) TMDS: 7680 × 4320 @ 60Hz (HDMI2.1 FRL) DP: 7680 × 4320 @ 60Hz eDP: 3840x2400 @ 120Hz	Intel® SSE4.1, Intel® SSE4.2, Intel® AVX2
228V	Intel® Core™ Ultra	Series 2	5	2024	8	4	N/A	4	8	4.5 GHz	8 MB	17 W	8 W	32 GB	LPDDR5X up to 8533 MT/s	Intel® Arc™ Graphics 130V	1.85 GHz	HDMI: 4096 × 2304 @ 60Hz (HDMI 2.1 FRL) TMDS: 7680 × 4320 @ 60Hz (HDMI2.1 FRL) DP: 7680 × 4320 @ 60Hz eDP: 3840x2400 @ 120Hz	Intel® SSE4.1, Intel® SSE4.2, Intel® AVX2
226V	Intel® Core™ Ultra	Series 2	5	2024	8	4	N/A	4	8	4.5 GHz	8 MB	17 W	8 W	16 GB	LPDDR5X up to 8533 MT/s	Intel® Arc™ Graphics 130V	1.85 GHz	HDMI: 4096 × 2304 @ 60Hz (HDMI 2.1 FRL) TMDS: 7680 × 4320 @ 60Hz (HDMI2.1 FRL) DP: 7680 × 4320 @ 60Hz eDP: 3840x2400 @ 120Hz	Intel® SSE4.1, Intel® SSE4.2, Intel® AVX2
185H	Intel® Core™ Ultra	Series 1	9	2023	16	6	8	2	22	5.1 GHz	24 MB	45 W	35 W	96 GB	Up to LPDDR5x/ 7467 MT/s Up to DDR5 5600 MT/s	Intel® Arc™ graphics	2.35 GHz	HDMI: 4096 × 2304 @ 60Hz (HDMI 2.1 FRL) TMDS: 7680 × 4320 @ 60Hz (HDMI2.1 FRL) DP: 7680 × 4320 @ 60Hz eDP: 3840x2400 @ 120Hz	Intel® SSE4.1, Intel® SSE4.2, Intel® AVX2
165H	Intel® Core™ Ultra	Series 1	7	2023	16	6	8	2	22	5 GHz	24 MB	28 W	20 W	96 GB	Up to LPDDR5x/ 7467 MT/s Up to DDR5 5600 MT/s	Intel® Arc™ graphics	2.3 GHz	HDMI: 4096 × 2304 @ 60Hz (HDMI 2.1 FRL) TMDS: 7680 × 4320 @ 60Hz (HDMI2.1 FRL) DP: 7680 × 4320 @ 60Hz eDP: 3840x2400 @ 120Hz	Intel® SSE4.1, Intel® SSE4.2, Intel® AVX2
155H	Intel® Core™ Ultra	Series 1	7	2023	16	6	8	2	22	4.8 GHz	24 MB	28 W	20 W	96 GB	Up to LPDDR5x/ 7467 MT/s Up to DDR5 5600 MT/s	Intel® Arc™ graphics	2.25 GHz	HDMI: 4096 × 2304 @ 60Hz (HDMI 2.1 FRL) TMDS: 7680 × 4320 @ 60Hz (HDMI2.1 FRL) DP: 7680 × 4320 @ 60Hz eDP: 3840x2400 @ 120Hz	Intel® SSE4.1, Intel® SSE4.2, Intel® AVX2
135H	Intel® Core™ Ultra	Series 1	5	2023	14	4	8	2	18	4.6 GHz	18 MB	28 W	20 W	96 GB	Up to LPDDR5x/ 7467 MT/s Up to DDR5 5600 MT/s	Intel® Arc™ graphics	2.2 GHz	HDMI: 4096 × 2304 @ 60Hz (HDMI 2.1 FRL) TMDS: 7680 × 4320 @ 60Hz (HDMI2.1 FRL) DP: 7680 × 4320 @ 60Hz eDP: 3840x2400 @ 120Hz	Intel® SSE4.1, Intel® SSE4.2, Intel® AVX2
125H	Intel® Core™ Ultra	Series 1	5	2023	14	4	8	2	18	4.5 GHz	18 MB	28 W	20 W	96 GB	Up to LPDDR5x/ 7467 MT/s Up to DDR5 5600 MT/s	Intel® Arc™ graphics	2.2 GHz	HDMI: 4096 × 2304 @ 60Hz (HDMI 2.1 FRL) TMDS: 7680 × 4320 @ 60Hz (HDMI2.1 FRL) DP: 7680 × 4320 @ 60Hz eDP: 3840x2400 @ 120Hz	Intel® SSE4.1, Intel® SSE4.2, Intel® AVX2
165U	Intel® Core™ Ultra	Series 1	7	2023	12	2	8	2	14	4.9 GHz	12 MB	15 W	12 W	96 GB	Up to LPDDR5x/ 7467 MT/s Up to DDR5 5600 MT/s	Intel® Graphics	2 GHz	HDMI: 4096 × 2304 @ 60Hz (HDMI 2.1 FRL) TMDS: 7680 × 4320 @ 60Hz (HDMI2.1 FRL) DP: 7680 × 4320 @ 60Hz eDP: 3840x2400 @ 120Hz	Intel® SSE4.1, Intel® SSE4.2, Intel® AVX2
164U	Intel® Core™ Ultra	Series 1	7	2023	12	2	8	2	14	4.8 GHz	12 MB	9 W	N/A	64 GB	Up to LPDDR5x/ 6400 MT/s	Intel® Graphics	1.8 GHz	HDMI: 4096 × 2304 @ 60Hz (HDMI 2.1 FRL) TMDS: 7680 × 4320 @ 60Hz (HDMI2.1 FRL) DP: 7680 × 4320 @ 60Hz eDP: 3840x2400 @ 120Hz	Intel® SSE4.1, Intel® SSE4.2, Intel® AVX2
155U	Intel® Core™ Ultra	Series 1	7	2023	12	2	8	2	14	4.8 GHz	12 MB	15 W	12 W	96 GB	Up to LPDDR5x/ 7467 MT/s Up to DDR5 5600 MT/s	Intel® Graphics	1.95 GHz	HDMI: 4096 × 2304 @ 60Hz (HDMI 2.1 FRL) TMDS: 7680 × 4320 @ 60Hz (HDMI2.1 FRL) DP: 7680 × 4320 @ 60Hz eDP: 3840x2400 @ 120Hz	Intel® SSE4.1, Intel® SSE4.2, Intel® AVX2
135U	Intel® Core™ Ultra	Series 1	5	2023	12	2	8	2	14	4.4 GHz	12 MB	15 W	12 W	96 GB	Up to LPDDR5x/ 7467 MT/s Up to DDR5 5600 MT/s	Intel® Graphics	1.9 GHz	HDMI: 4096 × 2304 @ 60Hz (HDMI 2.1 FRL) TMDS: 7680 × 4320 @ 60Hz (HDMI2.1 FRL) DP: 7680 × 4320 @ 60Hz eDP: 3840x2400 @ 120Hz	Intel® SSE4.1, Intel® SSE4.2, Intel® AVX2
134U	Intel® Core™ Ultra	Series 1	5	2023	12	2	8	2	14	4.4 GHz	12 MB	9 W	N/A	64 GB	Up to LPDDR5x/ 6400 MT/s	Intel® Graphics	1.75 GHz	HDMI: 4096 × 2304 @ 60Hz (HDMI 2.1 FRL) TMDS: 7680 × 4320 @ 60Hz (HDMI2.1 FRL) DP: 7680 × 4320 @ 60Hz eDP: 3840x2400 @ 120Hz	Intel® SSE4.1, Intel® SSE4.2, Intel® AVX2
125U	Intel® Core™ Ultra	Series 1	5	2023	12	2	8	2	14	4.3 GHz	12 MB	15 W	12 W	96 GB	Up to LPDDR5x/ 7467 MT/s Up to DDR5 5600 MT/s	Intel® Graphics	1.85 GHz	HDMI: 4096 × 2304 @ 60Hz (HDMI 2.1 FRL) TMDS: 7680 × 4320 @ 60Hz (HDMI2.1 FRL) DP: 7680 × 4320 @ 60Hz eDP: 3840x2400 @ 120Hz	Intel® SSE4.1, Intel® SSE4.2, Intel® AVX2