Consumer Desktop

Next-generation breakthrough performance.

Immersive gaming experience

Up to 19% better gaming performance

Brilliant productivity

Up to 11% improved productivity performance

Next-level content creation

Up to 10% improved content-creation performance

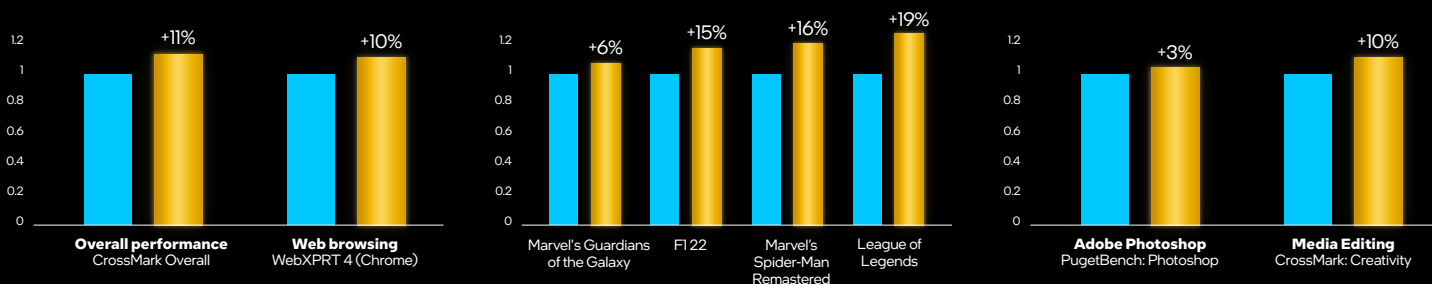## 13th Gen Intel® Core™ desktop processors—65 W series

13th Gen Intel Core desktop processor	Processor cores	Processor threads	Number of Performance-cores (P-cores)	Number of Efficient-cores (E-cores)	Intel® Smart Cache	Maximum turbo frequency (GHz)		Base frequency (GHz)		Processor graphics
						P-cores	E-cores	P-cores	E-cores	
i9-13900	24	32	8	16	36 MB	5.6	4.2	2.0	1.5	770
i9-13900F	24	32	8	16	36 MB	5.6	4.2	2.0	1.5	N/A
i7-13700	16	24	8	8	30 MB	5.2	4.1	2.1	1.5	770
i7-13700F	16	24	8	8	30 MB	5.2	4.1	2.1	1.5	N/A
i5-13600	20	20	6	8	24 MB	5.0	3.7	2.7	2.0	770
i5-13500	20	20	6	8	24 MB	4.8	3.5	2.5	1.8	770
i5-13400	16	16	6	4	20 MB	4.6	3.3	2.5	1.8	730
i5-13400F	16	16	6	4	20 MB	4.6	3.3	2.5	1.8	N/A
i3-13100	8	8	4	0	12 MB	4.5	N/A	3.4	N/A	730
i3-13100F	8	8	4	0	12 MB	4.5	N/A	3.4	N/A	N/A

13th Gen Intel Core desktop processors deliver next-level performance

Everyday productivity*

- Overall performance — CrossMark Overall: +11%
- Web browsing — WebXPRT 4 (Chrome): +10%

Mainstream gaming*

- Marvel's Guardians of the Galaxy: +6%
- F1 22: +15%
- Marvel's Spider-Man Remastered: +16%
- League of Legends: +19%

Content creation*

- Adobe Photoshop — PugetBench: Photoshop: +3%
- Media Editing — CrossMark: Creativity: +10%

*13th Generation Intel Core desktop performance versus previous generation

■ Intel Core i9-12900   ■ Intel Core i9-13900