

# 10<sup>TH</sup> GEN INTEL® CORE™ MOBILE PROCESSORS (H-SERIES)

PROCESSOR NUMBER	BASE CLOCK SPEED (GHZ)	MAXIMUM SINGLE CORE TURBO FREQUENCY (GHZ)	CORES/ THREADS	THERMAL DESIGN POWER	INTEL® THERMAL VELOCITY BOOST	UNLOCKED	INTEL® SMART CACHE	MEMORY SUPPORT	INTEL® OPTANE™ MEMORY SUPPORT
Intel® Core™ i9-10980HK	2.4	5.3	8/16	45	✓	✓	16 MB	Two channels DDR4-2933	✓
Intel® Core™ i7-10875H	2.3	5.1	8/16	45	✓		16 MB	Two channels DDR4-2933	✓
Intel® Core™ i7-10850H	2.7	5.1	6/12	45	✓	Partial	12 MB	Two channels DDR4-2933	✓
Intel® Core™ i7-10750H	2.6	5.0	6/12	45	✓		12 MB	Two channels DDR4-2933	✓
Intel® Core™ i5-10400H	2.6	4.6	4/8	45			8 MB	Two channels DDR4-2933	✓
Intel® Core™ i5-10300H	2.5	4.5	4/8	45			8 MB	Two channels DDR4-2933	✓

Intel® processor numbers are not a measure of performance. Processor numbers differentiate features within each processor family, not across different processor families.

All processors are lead-free (per EU RoHS directive July 2006) and halogen free (residual amounts of halogens are below November 2007 proposed IPC/JEDEC J-STD-709 standards)

All processors support Intel® Virtualization Technology (Intel® VT-x)

Includes the effect of Intel® Thermal Velocity Boost (Intel® TVB), a feature that opportunistically and automatically increases clock frequency above single-core and multi-core Intel® Turbo Boost Technology frequencies based on how much the processor is operating below its maximum temperature and whether turbo power budget is available. The frequency gain and duration is dependent on the workload, capabilities of the processor and the processor cooling solution.

