

NEW 9TH GEN INTEL® CORE™ MOBILE PROCESSORS (H-SERIES)

PROCESSOR NUMBER	BASE CLOCK SPEED (GHZ)	INTEL® TURBO BOOST TECHNOLOGY 2.0 MAXIMUM SINGLE CORE TURBO FREQUENCY (GHZ)	CORES/ THREADS	THERMAL DESIGN POWER	INTEL® THERMAL VELOCITY BOOST	UNLOCKED ²	INTEL® SMART CACHE	MEMORY SUPPORT	INTEL® OPTANE™ MEMORY SUPPORT ²
Intel® Core™ i9-9980HK	2.4	5.0 ¹	8/16	45	✓	✓	16 MB	Two channels DDR4-2666 ¹	✓
Intel® Core™ i9-9880H	2.3	4.8 ¹	8/16	45	✓		16 MB	Two channels DDR4-2666 ¹	✓
Intel® Core™ i7-9850H	2.6	4.6	6/12	45		Partial	12 MB	Two channels DDR4-2666 ¹	✓
Intel® Core™ i7-9750H	2.6	4.5	6/12	45			12 MB	Two channels DDR4-2666 ¹	✓
Intel® Core™ i5-9400H	2.5	4.3	4/8	45			8 MB	Two channels DDR4-2666 ¹	✓
Intel® Core™ i5-9300H	2.4	4.1	4/8	45			8 MB	Two channels DDR4-2666 ¹	✓

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)

1. Support is SoDIMM DDR4-2666 1 DPC, DDR4 2400 2 DPC.

2. Intel® Optane™ memory requires specific hardware and software configuration. Visit www.intel.com/Optanememory for configuration requirements.

*Other names and brands may be claimed as the property of others.

