

# PROCESSOR DETAILS

NEW SKU's

PROCESSOR NUMBER <sup>1</sup>	BASE CLOCK SPEED (GHZ)	INTEL® TURBO BOOST TECHNOLOGY 2.0 MAXIMUM SINGLE CORE TURBO FREQUENCY (GHZ)	CORES/ THREADS	THERMAL DESIGN POWER	PLATFORM PCIE LANES	UNLOCKED <sup>1</sup>	INTEL® SMART CACHE	MEMORY SUPPORT	INTEL® OPTANE™ MEMORY SUPPORT <sup>20</sup>	INTEGRATED PROCESSOR GRAPHICS	RCP PRICING (USD)
9 <sup>th</sup> Gen Intel® Core™ i9-9900K	3.6	5.0	8 / 16	95	Up to 40	✓	16 MB	Two channels DDR4-2666 <sup>19</sup>	✓	✓	\$488
9 <sup>th</sup> Gen Intel® Core™ i9-9900KF	3.6	5.0	8 / 16	95	Up to 40	✓	16 MB	Two channels DDR4-2666 <sup>19</sup>	✓	✓	\$488
9 <sup>th</sup> Gen Intel® Core™ i9-9900	3.1	5.0*	8 / 16	65	Up to 40		16 MB	Two channels DDR4-2666 <sup>19</sup>	✓	✓	\$439
9 <sup>th</sup> Gen Intel® Core™ i7-9700K	3.6	4.9	8 / 8	95	Up to 40	✓	12 MB	Two channels DDR4-2666 <sup>19</sup>	✓	✓	\$374
9 <sup>th</sup> Gen Intel® Core™ i7-9700KF	3.6	4.9	8 / 8	95	Up to 40	✓	12 MB	Two channels DDR4-2666 <sup>19</sup>	✓	✓	\$374
9 <sup>th</sup> Gen Intel® Core™ i7-9700	3.0	4.7	8 / 8	65	Up to 40		12 MB	Two channels DDR4-2666 <sup>19</sup>	✓	✓	\$323
9 <sup>th</sup> Gen Intel® Core™ i7-9700F	3.0	4.7	8 / 8	65	Up to 40		12 MB	Two channels DDR4-2666 <sup>19</sup>	✓	✓	\$323
9 <sup>th</sup> Gen Intel® Core™ i5-9600K	3.7	4.6	6 / 6	95	Up to 40	✓	9 MB	Two channels DDR4-2666 <sup>19</sup>	✓	✓	\$262
9 <sup>th</sup> Gen Intel® Core™ i5-9600KF	3.7	4.6	6 / 6	95	Up to 40	✓	9 MB	Two channels DDR4-2666 <sup>19</sup>	✓	✓	\$262
9 <sup>th</sup> Gen Intel® Core™ i5-9600	3.1	4.6	6 / 6	65	Up to 40		9 MB	Two channels DDR4-2666 <sup>19</sup>	✓	✓	\$213

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 the Intel® Thermal Velocity Boost feature which opportunistically and automatically increases clock frequency by up to 100 MHz if the processor is at a temperature of 70°C or lower and turbo power budget is available. The frequency gain and duration is dependent on the workload (best for bursty workloads), capabilities of the individual processor, and the processor cooling solution. Frequencies may reduce over time and longer workloads may start at the max frequency but drop as processor temperature increases.

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



# PROCESSOR DETAILS

NEW SKU's

PROCESSOR NUMBER <sup>1</sup>	BASE CLOCK SPEED (GHZ)	INTEL® TURBO BOOST TECHNOLOGY 2.0 MAXIMUM SINGLE CORE TURBO FREQUENCY (GHZ)	CORES/ THREADS	THERMAL DESIGN POWER	PLATFORM PCIE LANES	UNLOCKED <sup>1</sup>	INTEL® SMART CACHE	MEMORY SUPPORT	INTEL® OPTANE™ MEMORY SUPPORT <sup>20</sup>	INTEGRATED PROCESSOR GRAPHICS	RCP PRICING (USD)
9 <sup>th</sup> Gen Intel® Core™ i5-9500	3.0	4.4	6 / 6	65	Up to 40		9 MB	Two channels DDR4-2666 <sup>19</sup>	✓	✓	\$192
9 <sup>th</sup> Gen Intel® Core™ i5-9500F	3.0	4.4	6 / 6	65	Up to 40		9 MB	Two channels DDR4-2666 <sup>19</sup>	✓		\$192
9 <sup>th</sup> Gen Intel® Core™ i5-9400	2.9	4.1	6 / 6	65	Up to 40		9 MB	Two channels DDR4-2666 <sup>19</sup>	✓	✓	\$182
9 <sup>th</sup> Gen Intel® Core™ i5-9400F	2.9	4.1	6 / 6	65	Up to 40		9 MB	Two channels DDR4-2666 <sup>19</sup>	✓		\$182
9 <sup>th</sup> Gen Intel® Core™ i3-9350K	4.0	4.6	4 / 4	91	Up to 40	✓	8 MB	Two channels DDR4-2400	✓	✓	\$173
9 <sup>th</sup> Gen Intel® Core™ i3-9350KF	4.0	4.6	4 / 4	91	Up to 40	✓	8 MB	Two channels DDR4-2400	✓		\$173
9 <sup>th</sup> Gen Intel® Core™ i3-9320	3.7	4.4	4 / 4	62	Up to 40		8 MB	Two channels DDR4-2400	✓	✓	\$154
9 <sup>th</sup> Gen Intel® Core™ i3-9300	3.7	4.3	4 / 4	62	Up to 40		8 MB	Two channels DDR4-2400	✓	✓	\$143
9 <sup>th</sup> Gen Intel® Core™ i3-9100	3.6	4.2	4 / 4	65	Up to 40		6 MB	Two channels DDR4-2400	✓	✓	\$122
9 <sup>th</sup> Gen Intel® Core™ i3-9100F	3.6	4.2	4 / 4	65	Up to 40		6 MB	Two channels DDR4-2400	✓		\$122

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)

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





# PROCESSOR DETAILS

NEW SKU's

PROCESSOR NUMBER <sup>1</sup>	BASE CLOCK SPEED (GHZ)	INTEL® TURBO BOOST TECHNOLOGY 2.0 MAXIMUM SINGLE CORE TURBO FREQUENCY (GHZ)	CORES/ THREADS	THERMAL DESIGN POWER	PLATFORM PCIE LANES	UNLOCKED <sup>1</sup>	INTEL® SMART CACHE	MEMORY SUPPORT	INTEL® OPTANE™ MEMORY SUPPORT <sup>20</sup>	INTEGRATED PROCESSOR GRAPHICS	RCP PRICING (USD)
9 <sup>th</sup> Gen Intel® Core™ i9-9900T	2.1	4.4	8 / 16	35	Up to 40		16 MB	Two channels DDR4-2666 <sup>19</sup>	✓	✓	\$439
9 <sup>th</sup> Gen Intel® Core™ i7-9700T	2.0	4.3	8 / 8	35	Up to 40		12 MB	Two channels DDR4-2666 <sup>19</sup>	✓	✓	\$323
9 <sup>th</sup> Gen Intel® Core™ i5-9600T	2.3	3.9	6 / 6	35	Up to 40		9 MB	Two channels DDR4-2666 <sup>19</sup>	✓	✓	\$213
9 <sup>th</sup> Gen Intel® Core™ i5-9500T	2.2	3.7	6 / 6	35	Up to 40		9 MB	Two channels DDR4-2666 <sup>19</sup>	✓	✓	\$192
9 <sup>th</sup> Gen Intel® Core™ i5-9400T	1.8	3.4	6 / 6	35	Up to 40		9 MB	Two channels DDR4-2666 <sup>19</sup>	✓	✓	\$182
9 <sup>th</sup> Gen Intel® Core™ i3-9300T	3.2	3.8	4 / 4	35	Up to 40		8 MB	Two channels DDR4-2400	✓	✓	\$143
9 <sup>th</sup> Gen Intel® Core™ i3-9100T	3.1	3.7	4 / 4	35	Up to 40		6 MB	Two channels DDR4-2400	✓	✓	\$122

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)

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



# PROCESSOR DETAILS

NEW SKU's

PROCESSOR NUMBER <sup>1</sup>	BASE CLOCK SPEED (GHZ)	INTEL® TURBO BOOST TECHNOLOGY 2.0 MAXIMUM SINGLE CORE TURBO FREQUENCY (GHZ)	CORES/ THREADS	THERMAL DESIGN POWER	PLATFORM PCIE LANES	UNLOCKED <sup>1</sup>	INTEL® SMART CACHE	MEMORY SUPPORT	INTEL® OPTANE™ MEMORY SUPPORT <sup>20</sup>	INTEGRATED PROCESSOR GRAPHICS	RCP PRICING (USD)
Intel® Pentium® Gold G5620	4	N/A	2 / 4	54	Up to 40		4 MB	Two channels DDR4-2400	✓	✓	\$86
Intel® Pentium® Gold G5600T	3.3	N/A	2 / 4	35	Up to 40		4 MB	Two channels DDR4-2400	✓	✓	\$75
Intel® Pentium® Gold G5420	3.8	N/A	2 / 4	54 / 58	Up to 40		4 MB	Two channels DDR4-2400	✓	✓	\$64
Intel® Pentium® Gold G5420T	3.2	N/A	2 / 4	35	Up to 40		4 MB	Two channels DDR4-2400	✓	✓	\$64
Intel® Celeron® G4950	3.3	N/A	2 / 2	54	Up to 40		2 MB	Two channels DDR4-2400	✓	✓	\$52
Intel® Celeron® G4930	3.2	N/A	2 / 2	54	Up to 40		2 MB	Two channels DDR4-2400	✓	✓	\$42
Intel® Celeron® G4930T	3.0	N/A	2 / 2	35	Up to 40		2 MB	Two channels DDR4-2400	✓	✓	\$42

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)

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

