

Intel Core i3-10105F Prozessor 3,7 GHz 6 MB Smart Cache Box

Marke : Intel

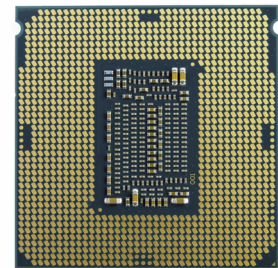
Produktfamilie: Core

Artikel-Code: BX8070110105F

Produktname : i3-10105F

Intel Core i3-10105F Prozessor (6MB Cache, bis 4.4 GHz)

Intel Core i3-10105F. Prozessorfamilie: Intel® Core™ i3 Prozessoren der 10. Generation, Komponente für: PC, Prozessor Lithografie: 14 nm. Speicherkanäle: Dual-channel, Maximaler interner Speicher, vom Prozessor unterstützt: 128 GB, Speichertypen, vom Prozessor unterstützt: DDR4-SDRAM. PCI Express Konfigurationen: 1x16,2x8,1x8+2x4, Unterstützte Befehlssätze: SSE4.1,SSE4.2,AVX 2.0, Skalierbarkeit: 1S. Prozessor-Paketgröße: 37.5 x 37.5 mm



Prozessor		Merkmale	
Prozessorhersteller *	Intel	CPU Konfiguration (max)	1
Processor base frequency *	3,7 GHz	Eingebettete Optionen verfügbar	✗
Prozessorfamilie *	Intel® Core™ i3 Prozessoren der 10. Generation	Spezifikation der thermischen Lösung	PCG 2015C
Anzahl Prozessorkerne *	4	Prozessor Besonderheiten	
Komponente für *	PC	Intel® Hyper-Threading-Technik (Intel® HT Technology)	✓
Prozessor Lithografie *	14 nm	Intel® Identity-Protection-Technologie (Intel® IPT)	✓
Prozessor *	i3-10105F	Intel® Turbo-Boost-Technologie	2.0
Prozessor-Threads	8	Intel® AES New Instructions (Intel® AES-NI)	✓
Systembus-Rate	8 GT/s	Verbesserte Intel SpeedStep Technologie	✓
Prozessorbetriebsmodi *	64-Bit	Intel® Trusted-Execution-Technik	✗
Prozessor-Cache	6 MB	Intel® Thermal Velocity Boost (Thermischer Geschwindigkeitsanstieg)	✗
Prozessor Cache Typ	Smart Cache	Intel® Transactional Synchronization Extensions	✗
Thermal Design Power (TDP)	65 W	Intel® VT-x mit Extended Page Tables (EPT)	✓
Box *	✓	Intel® Sicherer Schlüssel	✓
Prozessor Boost-Frequenz	4,4 GHz	Intel Stable Image Platform Program (SIPP)	✗
Durch den Prozessor (max) unterstützte Speicherbandbreite	41,6 GB/s	Intel® OS Guard	✓
Prozessor Codename	Comet Lake	Intel® Software Guard Extensions (Intel® SGX)	✓
ARK Prozessorerkennung	203474	Intel® 64	✓
Speicher		Intel® Virtualization Technologie (VT-X)	✓
Maximaler interner Speicher, vom Prozessor unterstützt	128 GB		
Speichertypen, vom Prozessor unterstützt	DDR4-SDRAM		
Speichertaktraten, vom Prozessor unterstützt	2666 MHz		
Speicherkanäle *	Dual-channel		
ECC	✗		

Grafik		Prozessor Besonderheiten	
Eingebaute Grafikkadappter *	✘	Intel® Virtualisierungstechnik für direkte I/O (VT-d)	✓
Separater Grafikkadappter *	✘	Intel Turbo Boost Max Technology 3.0	✘
On-Board Grafikkadapptermodell *	Nicht verfügbar	Intel® Optane™ Memory-bereit	✓
Dediziertes Grafikkadapptermodell *	Nicht verfügbar	Intel® Boot Guard	✓
		Intel® vPro™ Platform Eligibility	✘
Merkmale		Betriebsbedingungen	
Execute Disable Bit	✓	Tjunction	100 °C
Leerlauf Zustände	✓		
Thermal-Überwachungstechnologien	✓	Gewicht und Abmessungen	
Maximale Anzahl der PCI-Express-Lanes	16	Prozessor-Paketgröße	37.5 x 37.5 mm
PCI-Express-Slots-Version	3.0		
PCI Express Konfigurationen	1x16,2x8,1x8+2x4		
Unterstützte Befehlssätze	SSE4.1,SSE4.2,AVX 2.0		
Skalierbarkeit	15		



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