

Intel Core i5-9600K processor 3,7 GHz 9 MB Smart Cache Box

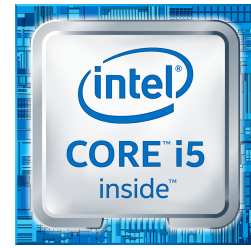
Merk : Intel

Productfamilie: Core

Artikelcode: BX80684I59600K

Productnaam : i5-9600K

Intel Core i5-9600K. Processorfamilie: Intel® Core™ i5, Processor socket: LGA 1151 (Socket H4), Processor lithografie: 14 nm. Geheugen kanaal: Dubbelkanaals, Maximaal intern geheugen ondersteund door processor: 64 GB, Geheugentypen ondersteund door processor: DDR4-SDRAM. On-board graphics adapter model: Intel® UHD Graphics 630, Maximaal geheugen ingebouwde grafische adapter: 64 GB, Basisfrequentie ingebouwde grafische adapter: 350 MHz. Marktsegment: Desktop, PCI Express configuraties: 1x16, 2x8, 1x8+2x4, Ondersteunde instructie sets: SSE4.1, SSE4.2, AVX 2.0. Intel® Turbo Boost Technology 2.0 frequency: 4,6 GHz



Processor		Kenmerken	
Processorfabrikant *	Intel	Commodity Classification	
Processorgeneratie	Intel® 9de generatie Core™ i5	Automated Tracking System (CCATS)	G077159
Processormodel *	i5-9600K	Processor speciale functies	
Basisfrequentie processor *	3,7 GHz	Intel® Hyper Threading Technology (Intel® HT Technology)	✗
Processorfamilie *	Intel® Core™ i5	Intel® Identity Protection Technology (Intel® IPT)	✓
Aantal processorkernen *	6	Intel® Turbo Boost Technology	2.0
Processor socket *	LGA 1151 (Socket H4)	Intel® Quick Sync Video Technology	✓
Component voor	PC	Intel® InTru™ 3D Technology	✓
Processor lithografie *	14 nm	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processorserie	9th Generation Intel Core i5 Processors	Intel® AES New Instructions (Intel® AES-NI)	✓
Processor aantal threads	6	Enhanced Intel SpeedStep Technology	✓
Systeembus	8 GT/s	Intel® Trusted Execution Technology	✓
Processor operating modes *	64-bit	Intel® Memory Protection Extensions (Intel® MPX)	✓
Maximale turbofrequentie van processor	4,6 GHz	Intel® Turbo Boost Technology 2.0 frequency	4,6 GHz
Processor cache	9 MB	Intel® Transactional Synchronization Extensions	✓
Processor cache type	Smart Cache	Intel® Enhanced Halt State	✓
Thermal Design Power (TDP) Box *	95 W	Intel® Clear Video Technology for Mobile Internet Devices (Intel® CVT for MID)	✓
Inclusief koeler *	✗	Intel® VT-x with Extended Page Tables (EPT)	✓
Generatie	9th Generation	Intel® Secure Key	✓
Compatibele chipsets	Intel Z390, Intel® B360, Intel® H310, Intel® H370, Intel Q370, Intel® Z370	Intel® TSX-NI	✓
Stepping	P0	Intel® Stable Image Platform Program (SIPP)	✓
Bus type	DMI3	Intel® OS Guard	✓
Geheugenbandbreedte ondersteund door de processor (max)	41,6 GB/s	Intel® Clear Video-technologie	✓
Codenaam processor	Coffee Lake	Intel® Software Guard Extensions (Intel® SGX)	✓
Processorcode	SRELU	Intel® 64	✓
ARK ID processor	134896	Versie Intel® Identity Protection Technology	1,00
Geheugen		Versie Intel® Secure Key Technology	1,00
Maximaal intern geheugen ondersteund door processor	64 GB	Versie Intel® Stable Image Platform Program (SIPP)	1,00
Geheugentypen ondersteund door processor	DDR4-SDRAM		
Klokgeheugen-snelheden ondersteund door processor	2666 MHz		
Geheugen kanaal *	Dubbelkanaals		
ECC	✗		
Grafisch			
Ingebouwde grafische adapter *	✓		

Grafisch		Processor speciale functies	
Aparte grafische adapter *	✗	Intel® Virtualization Technology (VT-x)	✓
On-board graphics adapter model *	Intel® UHD Graphics 630	Intel® Virtualization Technology for Directed I/O (VT-d)	✓
Maximaal geheugen ingebouwde grafische adapter	64 GB	Versie Intel® TSX-NI	1,00
Basisfrequentie ingebouwde grafische adapter	350 MHz	Intel® Optane™ Memory Ready	✓
Graphics on-board -adapter dynamische frequentie (max)	1150 MHz	Intel® Boot Guard	✓
Aantal displays ondersteund (door on-board grafische adapter)	3	Intel® vPro™ Platform Eligibility	✓
4K-ondersteuning	✓	Eisen aan de omgeving	
On-board grafische adapter DirectX-versie	12.0	Tjunction	100 °C
On-board grafische adapter OpenGL versie	4.5	Technische details	
Graphics aan boord maximale resolutie adapter (DisplayPort)	4096 x 2304 Pixels	Bandbreedte bus	8
Maximale resolutie (eDP - Integrated Flat Panel)	4096 x 2304 Pixels	Type buseenheden	GT/s
Maximale resolutie ingebouwde grafische adapter (HDMI)	4096 x 2304 Pixels	Lanceringsdatum	Q4'18
Grafische adapter refresh rate on-board bij maximale resolutie (DisplayPort)	60 Hz	Maximale resolutie & verversingsfrequentie (DisplayPort)	4096 x 2304@60Hz
Refresh rate op maximale resolutie (eDP - Integrated Flat Panel)	60 Hz	Maximale resolutie & verversingsfrequentie (HDMI)	4096x2304@24Hz
Verversingsfrequentie ingebouwde grafische adapter bij maximale resolutie (HDMI)	24 Hz	Maximale resolutie & verversingsfrequentie (Integrated Flat Panel)	4096x2304@60Hz
On-board grafische adapter ID	0x3E98	Processorcache	9216 KB
Discreet grafische adapter model *	Niet beschikbaar	Type product	Processor
Kenmerken		Status	Launched
Execute Disable Bit	✓	Maximaal geheugen	128 GB
Idle States	✓	Merknaam processor	9th Gen Intel Core i5 9th Gen Intel Core i5 Processor
Thermal Monitoring Technologies	✓	Ondersteunde geheugen types	DDR4-SDRAM
Marktsegment	Desktop	Laatste wijziging	63903513
Maximaal aantal PCI Express-lijnen	16	Productfamilie	Intel Core Processors
PCI Express slots versie	3.0	Bussnelheid	8 GT/s
PCI Express configuraties	1x16, 2x8, 1x8+2x4	Maximaal geheugen grafische adapter	64 GB
Ondersteunde instructie sets	SSE4.1, SSE4.2, AVX 2.0	Processor-id	0x3E98
Schaalbaarheid	1S	Logistieke gegevens	
CPU configuratie (max)	1	Code geharmoniseerd systeem (HS)	85423119
Ingebouwde opties beschikbaar	✗	Verpakking	
Thermal solution specificatie	PCG 2015D	Breedte verpakking	44 mm
PCI Express CEM revisie	3.0	Diepte verpakking	116 mm
Export Control Classification Number (ECCN)	5A992C	Hoogte verpakking	101 mm
		Gewicht verpakking	87 g
		Type verpakking	Retaildoos
		Gewicht en omvang	
		Verpakkingsgrootte processor	37.5 x 37.5 mm
		Overige specificaties	
		Maximum intern geheugen	128 GB
		Maximaal intern geheugen	65536 MB



5032037140164



0735858392488



735858392488



5032037140171



0735858392495



735858392495

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.