

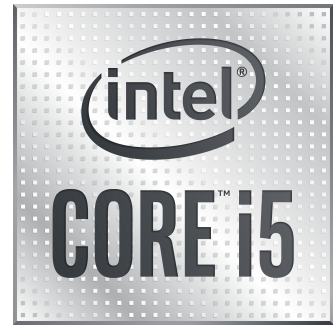
Intel Core i5-10600KF processor 4.1 GHz 12 MB Smart Cache Box

Brand : Intel

Product family: Core

Product code:
BX8070110600KF

Product name : i5-10600KF



Intel Core i5-10600KF Processor (12MB Cache, up to 4.8 GHz)

Intel Core i5-10600KF. Processor family: Intel® Core™ i5, Processor socket: LGA 1200 (Socket H5), Processor lithography: 14 nm. Memory channels: Dual-channel, Maximum internal memory supported by processor: 128 GB, Memory types supported by processor: DDR4-SDRAM. Market segment: Desktop, PCI Express configurations: 1x16, 2x8, 1x8+2x4, Supported instruction sets: SSE4.1, SSE4.2, AVX 2.0. Intel® Turbo Boost Technology 2.0 frequency: 4.8 GHz. Package type: Retail box



Processor		Features	
Processor manufacturer *	Intel	Export Control Classification Number (ECCN)	5A992C
Processor generation	10th gen Intel® Core™ i5	Commodity Classification Automated Tracking System (CCATS)	G077159
Processor model *	i5-10600KF	Processor special features	
Processor base frequency *	4.1 GHz	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor family *	Intel® Core™ i5	Intel® Identity Protection Technology (Intel® IPT)	✓
Processor cores *	6	Intel® Turbo Boost Technology	2.0
Processor socket *	LGA 1200 (Socket H5)	Intel® AES New Instructions (Intel® AES-NI)	✓
Component for	PC	Enhanced Intel SpeedStep Technology	✓
Processor lithography *	14 nm	Intel Trusted Execution Technology	✗
Processor threads	12	Intel® Thermal Velocity Boost	✗
System bus rate	8 GT/s	Intel® Turbo Boost Technology 2.0 frequency	4.8 GHz
Processor operating modes *	64-bit	Intel® Transactional Synchronization Extensions	✗
Processor boost frequency	4.8 GHz	Intel VT-x with Extended Page Tables (EPT)	✓
Processor cache	12 MB	Intel® Secure Key	✓
Processor cache type	Smart Cache	Intel Stable Image Platform Program (SIPP)	✗
Thermal Design Power (TDP)	125 W	Intel® OS Guard	✓
Box *	✓	Intel Software Guard Extensions (Intel SGX)	✓
Configurable TDP-down frequency	3.8 GHz	Intel 64	✓
Cooler included *	✗	Intel Virtualization Technology (VT-x)	✓
Configurable TDP-down	95 W	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Generation	10th Generation	Intel Turbo Boost Max Technology 3.0	✗
Memory bandwidth supported by processor (max)	41.6 GB/s	Intel® Optane™ Memory Ready	✓
Processor codename	Comet Lake	Intel® Boot Guard	✓
Processor ARK ID	199315	Intel® vPro™ Platform Eligibility	✗
Memory		Operational conditions	
Maximum internal memory supported by processor	128 GB	Tjunction	100 °C
Memory types supported by processor	DDR4-SDRAM		
Memory clock speeds supported by processor	2666 MHz		
Memory channels *	Dual-channel		
ECC	✗		
Graphics			
On-board graphics card *	✗		
Discrete graphics card *	✗		
On-board graphics card model *	Not available		
Discrete graphics card model *	Not available		

Features		Technical details	
Execute Disable Bit	✓	Target market	Gaming
Idle States	✓	Launch date	Q2'20
Thermal Monitoring Technologies	✓	Product type	Processor
Market segment	Desktop	Status	Launched
Maximum number of PCI Express lanes	16	Maximum memory	128 GB
PCI Express slots version	3.0	Supported memory types	DDR4-SDRAM
PCI Express configurations	1x16, 2x8, 1x8+2x4	Bus speed	8 GT/s
Supported instruction sets	SSE4.1, SSE4.2, AVX 2.0	Packaging data	
Scalability	1S	Package type	Retail box
CPU configuration (max)	1	Weight & dimensions	
Embedded options available	✗	Processor package size	37.5 x 37.5 mm
Thermal solution specification	PCG 2015D	Other features	
PCI Express CEM revision	3.0	Maximum internal memory	128 GB
Harmonized System (HS) code	85423119		



5032037188708



0735858447713



735858447713



5032037188715



0735858447720



735858447720

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.