

Intel Core i5-6600K (BX80662I56600K)

Intel® Core i5-6600K Processor (6M Cache, up to 3.90 GHz)



Price details:

Price excl. VAT: 224.14 €

Eco fees: 0.00 €

VAT 21 %: 47.07 €

Product details:

Product code: BX80662I56600K

EAN: 0735858301084

Manufacturer: Intel

271.21 €

* VAT included

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RESPONSIVE PERFORMANCE

The new architecture and design of the 6th Gen Intel® Core desktop processors delivers:

- A new full range base-clock settings that provide more granularity for overclocking your platform. This is possible with the new unlocked 6th Gen Intel® Core desktop processor i5-6600K and the Intel® Z170 chipset that also allows you to tune key aspects of your system including cores, power and memory.
- Support for DDR4 RAM memory technology in mainstream platforms, allowing systems to have up to 64GB of memory and higher transfer speeds at lower power when compared to DDR3 (DDR4 speed 2133 MT/s at 1.2V vs DDR3 speed 1600 MT/s at 1.5).

6th Gen Intel® Core Core i5 desktop processor comes with Intel® Turbo Boost 2.0 Technology which gives you that extra burst of performance.

Intel® Hyper-Threading Technology allows each processor core to work on two tasks at the same time, improving multitasking, speeding up the workflow, and accomplishing more in less time. With the Intel® Core i7 desktop processor, you can have up to 8 simultaneous threads.

Main specifications:

Processor

Processor family:	Intel Core i5-6xxx
Processor frequency:	3.5 GHz
Processor cores:	4
Processor socket:	LGA1151
Component for:	PC
Processor lithography:	14 nm
Box:	Y
Processor model:	I5-6600K
Processor threads:	4
Processor operating modes:	64-bit
L3 cache:	6 MB
Stepping:	R0
Processor boost frequency:	3.9 GHz

Memory

Maximum RAM supported:	32 GB
Supported memory types:	DDR3L-SDRAM,DDR4-SDRAM
Supported memory clock speeds:	1600,2133 MHz
Memory bandwidth (max):	34.2 GB/s
Memory channels:	Dual
ECC:	N

Graphics

On-board graphics adapter:	Y
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On-board graphics adapter model:	Intel HD Graphics 530
Graphics base frequency:	350 MHz
Graphics max dynamic frequency:	1150 MHz
Maximum graphics adapter memory:	1740 MB
Maximum displays per videocard:	3
Maximum resolution (HDMI):	4096 x 2160 pixels
Maximum resolution (DisplayPort):	4096 x 2160 pixels
DirectX version:	11.2/12
OpenGL version:	4.3
Number of execution units:	24

Power

Thermal power:	91 W
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Features

Execute Disable Bit:	Y
Idle States:	Y
Maximum number of PCI Express lanes:	16
PCI Express slots version:	3.0
PCI Express configurations:	1x16,2x8,1x8+2x4
Supported instruction sets:	AVX 2.0,SSE4.1,SSE4.2
Scalability:	1S
Number of displays supported:	3
CPU configuration (max):	1
Embedded options available:	N
Graphics & IMC lithography:	14 nm
Thermal solution specification:	PCG 2015D
Device ID:	1912

Processor special features

Intel Anti-Theft Technology:	Y
Intel My WiFi Technology:	Y
Intel Turbo Boost Technology:	2.0
Intel vPro Technology:	N
Intel Quick Sync Video Technology:	Y
Intel InTru 3D Technology:	Y
Intel Wireless Display (WiDi) Technology:	Y
Intel Clear Video HD Technology:	Y
Intel Fast Memory Access:	Y
Intel AES New Instructions:	Y
Enhanced Intel SpeedStep Technology:	Y
Intel Trusted Execution Technology:	N
Intel Virtualization Technology:	VT-d,VT-x
Intel Clear Video Technology for MID:	Y
Intel VT-x with Extended Page Tables (EPT):	Y
Intel Secure Key:	Y
Intel TSX-NI:	Y
Intel Stable Image Platform Program (SIPP):	N
OS Guard:	Y
Intel Small Business Advantage (SBA):	N
Conflict Free:	Y

Technical details

Number of processors supported:	1
PCI Express slots quantity:	16

Weight & dimensions

Package width:	37.5 mm
Package depth:	37.5 mm

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