



Firma: G Store & Repair doo  
Adresa: Bul.Mihajla Pupina 10z/3  
Telefon: 011 785 66 66  
Fax:  
PIB: 112029009  
E-mail: [office@gstore.rs](mailto:office@gstore.rs)

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CPU INTEL Core i5-11600K 6-Core 3.9GHz  
(4.90GHz) Box

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Šifra: 2449

Kategorija proizvoda: Procesori

Proizvođač: INTEL

**Cena: 25.907 rsd.**



# Essentials

Product Collection [11th Generation Intel® Core™ i5 Processors](#)

Vertical Segment Desktop

Status Launched

Lithography 14 nm

Recommended Customer Price \$262.00 - \$272.00

Code Name [Products formerly Rocket Lake](#)

Processor Number i5-11600K

Launch Date Q1'21

Use Conditions PC/Client/Tablet

## CPU Specifications

Total Cores 6

Max Turbo Frequency 4.90 GHz

Processor Base Frequency 3.90 GHz

Bus Speed 8 GT/s

Configurable TDP-down Base Frequency 3.60 GHz

Total Threads 12

Intel® Turbo Boost Technology 2.0 Frequency †4.90 GHz

Cache 12 MB Intel® Smart Cache

TDP 125 W

Configurable TDP-down 95 W

## Supplemental Information

Embedded Options Available No

Datasheet [View now](#)

## Memory Specifications

Max Memory Size (dependent on memory type) 128 GB

Max # of Memory Channels 2

ECC Memory Supported †No

Memory Types DDR4-3200

Max Memory Bandwidth 50 GB/s

## Processor Graphics

Processor Graphics †Intel® UHD Graphics 750

Graphics Max Dynamic Frequency 1.30 GHz

Execution Units 32

Max Resolution (HDMI) †4096x2160@60Hz

Max Resolution (eDP - Integrated Flat Panel) †5120 x 3200 @60Hz

OpenGL\* Support 4.5

Intel® InTru™ 3D Technology Yes

Intel® Clear Video Technology Yes

Device ID 0x4C8A

Graphics Base Frequency 350 MHz

Graphics Video Max Memory 64 GB

4K Support Yes, at 60Hz

Max Resolution (DP) †5120 x 3200 @60Hz

DirectX\* Support 12.1

Intel® Quick Sync Video Yes

Intel® Clear Video HD Technology Yes

# of Displays Supported †3

OpenCL\* Support 3.0

## Expansion Options

Scalability 1S Only

PCI Express Configurations †Up to 1x16+1x4, 2x8+1x4, 1x8+3x4

PCI Express Revision 4.0

Max # of PCI Express Lanes 20

## Package Specifications

Sockets Supported FCLGA1200

Thermal Solution Specification PCG 2019A

Package Size 37.5 mm x 37.5 mm

Max CPU Configuration 1

T<sub>JUNCTION</sub> 100°C

## Advanced Technologies

Intel® Gaussian & Neural Accelerator 2.0

Intel® Optane™ Memory Supported †Yes

Intel® Turbo Boost Max Technology 3.0 †No

Intel vPro® Platform Eligibility †Yes

Intel® Virtualization Technology (VT-x) †Yes

Intel® VT-x with Extended Page Tables (EPT) †Yes

Instruction Set 64-bit

Intel® Deep Learning Boost (Intel® DL Boost) Yes

Intel® Thermal Velocity Boost No

Intel® Turbo Boost Technology †2.0

Intel® Hyper-Threading Technology †Yes

Intel® Virtualization Technology for Directed I/O (VT-d) †Yes

Intel® 64 †Yes

Instruction Set Extensions Intel® SSE4.1, Intel® SSE4.2, Intel® AVX2, Intel® AVX-512