



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

CPU S1200 INTEL Core i5-10500 6-Core 3.1GHz
Tray



STORE
UBODI PRAVO MESTO ZA TEHNIKU

Šifra: 21372

Kategorija proizvoda: Procesori

Proizvođač: INTEL

Cena: 23.086 rsd.

Essentials

Product Collection [10th Generation Intel® Core™ i5](#)

[Processors](#)

Vertical Segment Desktop

Status Launched

Lithography 14 nm

Code Name [Products formerly Comet Lake](#)

Processor Number i5-10500

Launch Date Q2'20

Use Conditions PC/Client/Tablet

CPU Specifications

Total Cores 6

Max Turbo Frequency 4.50 GHz

Processor Base Frequency 3.10 GHz

Bus Speed 8 GT/s

Total Threads 12

Intel® Turbo Boost Technology 2.0 Frequency †4.50 GHz

Cache 12 MB Intel® Smart Cache

TDP 65 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 DDR4-2666

Max Memory Bandwidth 41.6 GB/s

Processor Graphics

Processor Graphics †Intel® UHD Graphics 630

Graphics Max Dynamic Frequency 1.15 GHz

4K Support Yes, at 60Hz

Max Resolution (DP) †4096 x 2304@60Hz

DirectX* Support 12

Intel® Quick Sync Video Yes

Intel® Clear Video HD Technology Yes

of Displays Supported †3

Graphics Base Frequency 350 MHz

Graphics Video Max Memory 64 GB

Max Resolution (HDMI) †4096 x 2160@30Hz

Max Resolution (eDP - Integrated Flat Panel) †4096 x 2304@60Hz

OpenGL* Support 4.5

Intel® InTru™ 3D Technology Yes

Intel® Clear Video Technology Yes

Device ID 0x9BC8

Expansion Options

Scalability 1S Only

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

PCI Express Revision 3.0

Max # of PCI Express Lanes 16

Package Specifications

Sockets Supported FCLGA1200

Thermal Solution Specification PCG 2015C

Package Size 37.5mm x 37.5mm

Max CPU Configuration 1

T_{JUNCTION} 100°C

Advanced Technologies

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

Intel® 64 †Yes

Instruction Set Extensions Intel® SSE4.1, Intel® SSE4.2,

Intel® AVX2

Enhanced Intel SpeedStep® Technology Yes

Intel® Identity Protection Technology †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® Transactional Synchronization Extensions No

Instruction Set 64-bit

Idle States Yes

Thermal Monitoring Technologies Yes

Intel® Stable Image Platform Program (SIPP) Yes

Security & Reliability