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CPU s1700 INTEL Core i3-13100F 4-Core 3.40GHz (4.50GHz) Tray

Šifra: 156118
Kategorija prozivoda: Procesori
Proizvođač: INTEL

Cena: 9.076,00 rsd.

Processor
Processor manufacturer
The manufacturer that produced the processor.
Intel
Processor generation
Intel Core i3-13xxx
Processor model
The model number for the processor in a computer.
i3-13100F
Processor family
A family of processors is a group of processors produced by one company over a short period of time e.g. Intel Pentium processors.
Intel® Core™ i3
Processor cores
The number of central processing units ('cores') in a processor. Some processors have 1 core, others have 2 (e.g. Intel Core Duo) or more (e.g. the Intel Xeon E7-2850 has 10 cores).
4
Processor socket
Mechanical component(s) that provides mechanical and electrical connections between a microprocessor and a printed circuit board (PCB). This allows the processor to be replaced without soldering.
LGA 1700
Processor threads
8
Processor operating modes
Operating modes for the processors that place restrictions on the type and scope of operations for certain processes run by the CPU. This design allows the operating system to run with more privileges than application software.
64-bit
Performance cores
4
Processor boost frequency
The turbo boost is an automatic, managed accelleration of the processor when one of the cores is overloaded.
4.5 GHz
Performance-core boost frequency
4.5 GHz
Performance-core base frequency
3.4 GHz
Processor cache
12 MB
Processor cache type

Smart Cache
Package type
The type of product package e.g. box.
Tray
Processor base power
58 W
Maximum turbo power
89 W
Bus type
DMI4
Maximum number of DMI lanes
8
Memory bandwidth supported by processor (max)
76.8 GB/s
Processor codename
Raptor Lake
Processor ARK ID
230576
Memory
Maximum internal memory supported by processor
192 GB
Memory types supported by processor
DDR4-SDRAM, DDR5-SDRAM
Memory channels
Dual-channel
Memory bandwidth (max)
76.8 GB/s
Graphics
On-board graphics card
Graphics hardware which is built into the motherboard or CPU, as opposed to a separate graphics adapter (video card). On-board graphics uses CPU and RAM for graphics processing.

Discrete graphics card

On-board graphics card model
"Graphic adapter" is the hardware that produces images on a display. "On-board" means that the graphics adapter is intergrated inside the motherboard.
Not available
Discrete graphics card model
A graphics adapter (often known as a video card) generates images for a display. A discrete graphics adapter plugs into the motherboard, and usually produces much better graphics than an integrated graphics adapter. There are various models of discrete graphics adapters.
Not available
Features
Execute Disable Bit

Idle States

Thermal Monitoring Technologies

Market segment
Desktop
Use conditions
PC/Client/Tablet
Maximum number of PCI Express lanes
20
PCI Express slots version
5.0, 4.0

Commodity Classification Automated Tracking System (CCATS)
740.17B1