

INTEL

Procesor Intel Core i5-10400F / 2.9GHz / 6 Cores / 12 Threads / 12MB Cache / LGA1200 - OEM

SKU: 17018096 · EAN: 8592978318154

SPECIFIKAT TEKNIKE

72 specifikat e produktit

ATRIBUTI	VLERA
Processor	
Processor manufacturer	Intel
Processor generation	10th gen Intel® Core™ i5
Processor model	i5-10400F
Processor base frequency	2.9 GHz
Processor family	Intel® Core™ i5
Processor cores	6
Processor socket	LGA 1200 (Socket H5)
Component for	PC
Processor lithography	14 nm
Processor threads	12
System bus rate	8 GT/s
Processor operating modes	64-bit
Processor boost frequency	4.3 GHz
Processor cache	12 MB
Processor cache type	Smart Cache
Thermal Design Power (TDP)	65 W
Package type	Tray
Generation	10th Generation
Memory bandwidth supported by processor (max)	41.6 GB/s
Processor codename	Comet Lake
Processor ARK ID	199278
Memory	
Maximum internal memory supported by processor	128 GB
Memory types supported by processor	DDR4-SDRAM
Memory clock speeds supported by processor	2666 MHz

Memory channels	Dual-channel
Graphics	
On-board graphics card model	Not available
Discrete graphics card model	Not available
Features	
Feature	Execute Disable Bit
Feature	Idle States
Feature	Thermal Monitoring Technologies
Market segment	Desktop
Use conditions	PC/Client/Tablet
Maximum number of PCI Express lanes	16
PCI Express slots version	3.0
PCI Express configurations	1x16, 2x8, 1x8+2x4
Supported instruction sets	SSE4.1, SSE4.2, AVX 2.0
Scalability	1S
CPU configuration (max)	1
Thermal solution specification	PCG 2015C
PCI Express CEM revision	3.0
Export Control Classification Number (ECCN)	5A992.C
Commodity Classification Automated Tracking System (CCATS)	G077159
Processor special features	
Feature	Intel® Hyper Threading Technology (Intel® HT Technology)
Feature	Intel® Identity Protection Technology (Intel® IPT)
Intel® Turbo Boost Technology	2.0
Feature	Intel® AES New Instructions (Intel® AES-NI)
Feature	Enhanced Intel SpeedStep Technology
Intel® Turbo Boost Technology 2.0 frequency	4.3 GHz
Feature	Intel Enhanced Halt State
Feature	Intel VT-x with Extended Page Tables (EPT)
Feature	Intel® Secure Key
Feature	Intel® OS Guard
Feature	Intel Software Guard Extensions (Intel SGX)
Feature	Intel 64
Feature	Intel Virtualization Technology (VT-x)
Feature	Intel Virtualization Technology for Directed I/O (VT-d)

Feature	Intel® Optane™ Memory Ready
Feature	Intel® Boot Guard
Operational conditions	
Tjunction	100 °C
Technical details	
Target market	Gaming
Launch date	Q2'20
Product type	Processor
Status	Launched
Maximum memory	128 GB
Supported memory types	DDR4-SDRAM
Bus speed	8 GT/s
Logistics data	
Harmonized System (HS) code	85423119
Packaging data	
Package width	70 mm
Package depth	116 mm
Package height	101 mm
Weight & dimensions	
Processor package size	37.5 x 37.5 mm
Other features	
Maximum internal memory	128 GB