

Intel Core i3 10305 / 3.8 GHz processor - OEM



13-05-2024

SKU	CM8070104291111
Product Description:	Intel Core i3 10305 / 3.8 GHz processor - OEM
Product Type:	Processor
Processor Type:	Intel Core i3 10305 (10th Gen)
Number of Cores:	Quad-Core / 8 threads
Cache:	8 MB
Integrated Graphics:	Intel UHD Graphics 630
Compatible Processor Socket:	LGA1200 Socket

General

Product Type:	Processor	Service & Support:	Limited warranty - 3 years
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Manufacturer Warranty

Miscellaneous

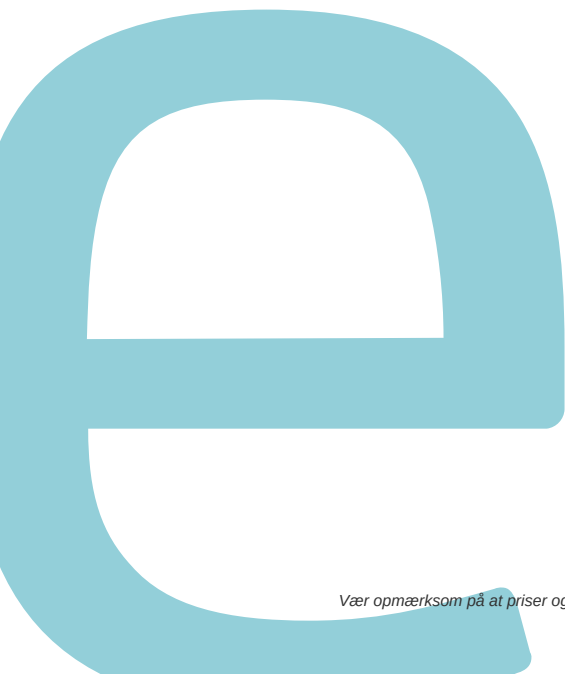
Package Type:	OEM/tray
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Integrated Graphics

Type:	Intel UHD Graphics 630
Base Frequency:	350 MHz
Max Dynamic Frequency:	1.15 GHz
Max Supported Memory Size:	64 GB
Max Supported Resolution:	4096x2304@60Hz (eDP), 4096x2304@60Hz (DP), 4096x2160@30Hz (HDMI)
Features:	Intel Clear Video Technology, Intel Clear Video HD Technology, InTRU 3D Technology, Intel Quick Sync Video, Triple Display Capable

Processor

Type / Form Factor:	Intel Core i3 10305 (10th Gen)
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Processor

Number of Cores:	Quad-Core
Number of Threads:	8 threads
Cache:	8 MB
Cache Memory Details:	Smart Cache - 8 MB
Processor Qty:	1
Clock Speed:	3.8 GHz
Max Turbo Speed:	4.5 GHz
Bus Speed:	8 GT/s
Compatible Processor Socket:	LGA1200 Socket
Manufacturing Process:	14 nm
Thermal Design Power:	65 W
Thermal Specification:	100 °C
PCI Express Revision:	3.0
PCI Express Configurations:	1x16, 2x8, 1x8+2x4
PCI Express Lanes Qty:	16

Architecture Features:

Enhanced SpeedStep technology, Hyper-Threading Technology, Execute Disable Bit capability, Intel Virtualization Technology, Intel 64 Technology, streaming SIMD extensions 4.1, streaming SIMD extensions 4.2, Intel Turbo Boost Technology 2.0, Intel AES New Instructions (AES-NI), Thermal Monitoring Technologies, Intel Virtualization Technology for Directed I/O (VT-d), Idle States, Intel VT-x with Extended Page Tables (EPT), Intel Identity Protection Technology, Intel Secure Key, Intel Advanced Vector Extensions 2 (AVX2.0), Intel OS Guard, Intel Software Guard Extensions (SGX), Intel Optane Memory Supported, Intel Boot Guard

