

Intel Core i3 7300 / 4 GHz processor - OEM



13-05-2024

SKU	CM8067703014426
Product Description:	Intel Core i3 7300 / 4 GHz processor - OEM
Product Type:	Processor
Processor Type:	Intel Core i3 7300 (7th Gen)
Number of Cores:	Dual-Core / 4 threads
Cache:	4 MB
Integrated Graphics:	Intel HD Graphics 630
Compatible Processor Socket:	LGA1151 Socket

General

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

Manufacturer Warranty

Miscellaneous

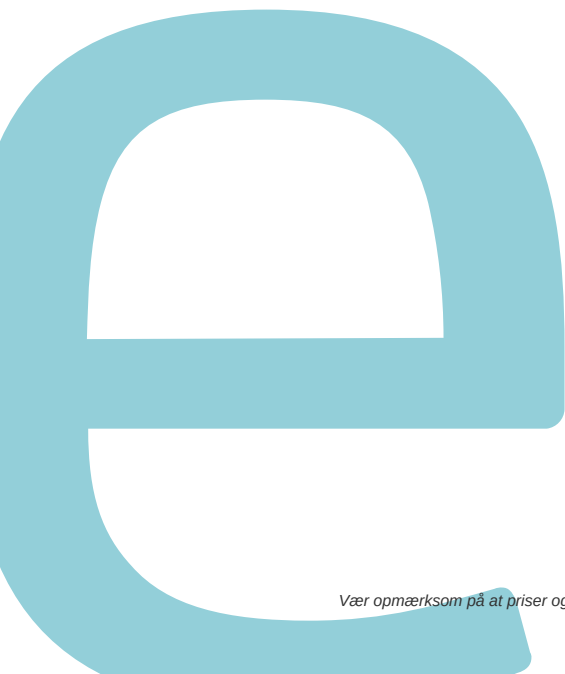
Package Type:	OEM/tray
---------------	----------

Integrated Graphics

Type:	Intel HD Graphics 630
Base Frequency:	350 MHz
Max Dynamic Frequency:	1.15 GHz
Max Supported Memory Size:	64 GB
Max Supported Resolution:	4096x2304@24Hz (HDMI), 4096x2304@60Hz (eDP), 4096x2304@60Hz (DP)
Features:	Intel Clear Video Technology, Intel Clear Video HD Technology, InTRU 3D Technology, Intel Quick Sync Video, Intel Insider, Triple Display Capable

Processor

Type / Form Factor:	Intel Core i3 7300 (7th Gen)
---------------------	------------------------------



Processor

Number of Cores:	Dual-Core
------------------	-----------

Number of Threads:	4 threads
--------------------	-----------

Cache:	4 MB
--------	------

Cache Memory Details:	Smart Cache - 4 MB
-----------------------	--------------------

Processor Qty:	1
----------------	---

Clock Speed:	4 GHz
--------------	-------

Compatible Processor Socket:	LGA1151 Socket
------------------------------	----------------

Manufacturing Process:	14 nm
------------------------	-------

Thermal Design Power:	51 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 AES New Instructions (AES-NI), Thermal Monitoring Technologies, Intel Virtualization Technology for Directed I/O (VT-d), Idle States, Intel Identity Protection Technology, Intel Secure Key, Intel Advanced Vector Extensions 2 (AVX2.0), Intel TSX-NI, Intel OS Guard, Intel Software Guard Extensions (SGX), Intel Memory Protection Extensions (MPX), Intel Device Protection Technology with Boot Guard
------------------------	---