CM8070104282327

Intel coMet lake Core i7-10700 2.9Ghz 8 cores+Hyper-Threading / 16 threads LGA 1200 Processor

Product Overview

Intel Core i7 10700 TRAY - 2.9GHz; 8 Core 16 Thread; 16MB L3 Smartcache; 65W TDP; LGA 1200 - (Fan not included)



Specifications

Specifications:

© 2022 Respective owners and brand holders. This table has been carefully researched and generated by ComXpert International CC (http://www.comx.co.za), however, errors and omissions may occur. Only references to South Africa apply. All products are sourced in South Africa from the official suppliers and the warranty is that of the local supplier. E&OE. This table and our site's content may be used on condition that this notice and link remains intact and unaltered.

Specifications	
Product Code	CM8070104282327
Essentials	
Product Collection	10th Generation Intel Core i7 Processors
Code Name	Products formerly Comet Lake
Vertical Segment	Desktop
Processor Number	i7-10700
Lithography	14 nm
Use Conditions	PC/Client/Tablet
CPU Specifications	
Total Cores	8
Total Threads	16
Max Turbo Frequency	4.80 GHz
Intel Turbo Boost Max Technology 3.0 Frequency	4.80 GHz

Intel Turbo Boost Technology 2.0 Frequency	4.70 GHz
Processor Base Frequency	2.90 GHz
Cache	16 MB Intel Smart Cache
Bus Speed	8 GT/s
TDP	65 W
Supplemental Information	
Embedded Options Available	No
Memory Specifications	
Max Memory Size (dependent on memory type)	128 GB
Memory Types	DDR4-2933
Max # of Memory Channels	2
Max Memory Bandwidth	45.8 GB/s
ECC Memory Supported	No
Processor Graphics	
Processor Graphics	Intel UHD Graphics 630
Graphics Base Frequency	350 MHz
Graphics Max Dynamic Frequency	1.20 GHz
Graphics Video Max Memory	64 GB
4K Support	Yes, at 60Hz
Max Resolution (HDMI)	4096 x 2160@30Hz
Max Resolution (DP)	4096 x 2304@60Hz
Max Resolution (eDP - Integrated Flat Panel)	4096 x 2304@60Hz
DirectX* Support	12
OpenGL* Support	4.5
Intel Quick Sync Video	Yes
Intel InTru 3D Technology	Yes
Intel Clear Video HD Technology	Yes
Intel Clear Video Technology	Yes
# of Displays Supported	3
Device ID	0x9BC5
Expansion Options	
Scalability	1S Only
PCI Express Revision	3
PCI Express Configurations	Up to 1x16, 2x8, 1x8+2x4
Max # of PCI Express Lanes	16

Package Specifications	
Sockets Supported	FCLGA1200
Max CPU Configuration	1
Thermal Solution Specification	PCG 2015C
TJUNCTION	100 degreesC
Package Size	37.5mm x 37.5mm
Advanced Technologies	
Intel Optane Memory Supported	Yes
Intel Thermal Velocity Boost	No
Intel Turbo Boost Max Technology 3.0	Yes
Intel Turbo Boost Technology	2
Intel Hyper-Threading Technology	Yes
Intel Transactional Synchronization Extensions	No
Intel 64	Yes
Instruction Set	64-bit
Instruction Set Extensions	Intel SSE4.1, Intel SSE4.2, Intel AVX2
Idle States	Yes
Enhanced Intel SpeedStep Technology	Yes
Thermal Monitoring Technologies	Yes
Intel Identity Protection Technology	Yes
Security & Reliability	
Intel vPro Platform Eligibility	Yes
Intel AES New Instructions	Yes
Secure Key	Yes
Intel Software Guard Extensions (Intel SGX)	Yes with Intel ME
Intel OS Guard	Yes
Intel Trusted Execution Technology	Yes
Execute Disable Bit	Yes
Intel Boot Guard	Yes
Intel Stable IT Platform Program (SIPP)	Yes
Intel Virtualization Technology (VT-x)	Yes
Intel Virtualization Technology for Directed I/O (VT-d)	Yes

Intel VT-x with Extended Page Tables (EPT)	Yes

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:
https://www.comx-computers.co.za/CM8070104282327-Intel-coMet-lake-Core-i7-10700-2-9Ghz-8-cores-Hyper-Threading-16-p-266096.php

Images and specifications are provided for reference and are subject to change without notice. E&OE.

Terms of Use: https://www.comx-computers.co.za/terms-of-use.php
Terms of Sale: https://www.comx-computers.co.za/terms-of-sale.php

PDF generated: 2026-11-14 23:25:28.

This PDF was generated automatically and may include content prepared or assisted by automated or AI-based systems. While reasonable care is taken to ensure accuracy, errors or omissions may occur.

For the most current and accurate product information, please refer to the product information available on our website. If any specification or other information differs from information published elsewhere, please confirm the details with us before relying on the information or making a purchasing decision.

If you identify an error or discrepancy, please report it to us so that we may investigate and correct it where necessary.