

Intel Core i9 10900F / 2.8 GHz processor - OEM



10-05-2024

SKU	CM8070104282625
Product Description:	Intel Core i9 10900F / 2.8 GHz processor - OEM
Product Type:	Processor
Processor Type:	Intel Core i9 10900F (10th Gen)
Number of Cores:	10-core / 20 threads
Cache:	20 MB
Compatible Processor Socket:	LGA1200 Socket
Processor Qty:	1

General

Product Type:	Processor	Package Type:	OEM/tray
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Miscellaneous

Processor

Type / Form Factor:	Intel Core i9 10900F (10th Gen)
Number of Cores:	10-core
Number of Threads:	20 threads
Cache:	20 MB
Cache Memory Details:	Smart Cache - 20 MB
Processor Qty:	1
Clock Speed:	2.8 GHz
Max Turbo Speed:	5.2 GHz
Bus Speed:	8 GT/s
Compatible Processor Socket:	LGA1200 Socket
Manufacturing Process:	14 nm
Thermal Design Power:	65 W
Thermal Specification:	100 °C

Processor

PCI Express Revision:	3.0
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PCI Express Configurations:	1x16, 2x8, 1x8+2x4
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PCI Express Lanes Qty:	16
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Architecture Features:

Enhanced SpeedStep technology, Hyper-Threading Technology, Execute Disable Bit capability, Intel Virtualization Technology, Intel 64 Technology, Intel Trusted Execution 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 Stable Image Platform Program (SIPP), Intel OS Guard, Intel Software Guard Extensions (SGX), Intel Turbo Boost Max Technology 3.0, Intel Optane Memory Supported, Intel Boot Guard, Intel Thermal Velocity Boost, Intel vPro Platform Eligibility