

Intel Core i9 11900KF / 3.5 GHz processor - Box (without cooler)



13-05-2024

SKU	BX8070811900KF
Product Description:	Intel Core i9 11900KF / 3.5 GHz processor - Box (without cooler)
Product Type:	Processor
Processor Type:	Intel Core i9 11900KF (11th Gen)
Number of Cores:	8-core / 16 threads
Cache:	16 MB
Compatible Processor Socket:	LGA1200 Socket
Processor Qty:	1

General

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

Manufacturer Warranty

Miscellaneous

Package Type:	Intel Boxed without heatsink/fan
---------------	----------------------------------

Processor

Type / Form Factor:	Intel Core i9 11900KF (11th Gen)
Number of Cores:	8-core
Number of Threads:	16 threads
Cache:	16 MB
Cache Memory Details:	Smart Cache - 16 MB
Processor Qty:	1
Clock Speed:	3.5 GHz
Max Turbo Speed:	5.3 GHz
Bus Speed:	8 GT/s
Compatible Processor Socket:	LGA1200 Socket
Manufacturing Process:	14 nm

Processor

Thermal Design Power:	125 W
-----------------------	-------

Thermal Specification:	100 °C
------------------------	--------

PCI Express Revision:	4.0
-----------------------	-----

PCI Express Configurations:	1x16+1x4, 1x8+3x4, 2x8+1x4
-----------------------------	----------------------------

PCI Express Lanes Qty:	20
------------------------	----

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 Turbo Boost Max Technology 3.0, Intel Boot Guard, Intel Thermal Velocity Boost, Intel Deep Learning Boost (DL Boost), Intel Gaussian and Neural Accelerator 2.0

