

Intel Core i9 11900F / 2.5 GHz processor - Box



13-05-2024

SKU	BX8070811900F
Product Description:	Intel Core i9 11900F / 2.5 GHz processor - Box
Product Type:	Processor
Processor Type:	Intel Core i9 11900F (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
---------------	-------------

Processor

Type / Form Factor:	Intel Core i9 11900F (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:	2.5 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

Processor

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

