

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



In Stock(5)

|                              |                                                                 |
|------------------------------|-----------------------------------------------------------------|
| SKU                          | BX8070811900K                                                   |
| Product Description:         | Intel Core i9 11900K / 3.5 GHz processor - Box (without cooler) |
| Product Type:                | Processor                                                       |
| Processor Type:              | Intel Core i9 11900K (11th Gen)                                 |
| Number of Cores:             | 8-core / 16 threads                                             |
| Cache:                       | 16 MB                                                           |
| Integrated Graphics:         | Intel UHD Graphics 750                                          |
| Compatible Processor Socket: | LGA1200 Socket                                                  |

## General

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

## Manufacturer Warranty

## Miscellaneous

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

## Integrated Graphics

|                            |                                                                                                                                    |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Type:                      | Intel UHD Graphics 750                                                                                                             |
| Base Frequency:            | 350 MHz                                                                                                                            |
| Max Dynamic Frequency:     | 1.3 GHz                                                                                                                            |
| Max Supported Memory Size: | 64 GB                                                                                                                              |
| Max Supported Resolution:  | 4096x2160@60Hz (HDMI),<br>5120x3200@60Hz (DP),<br>5120x3200@60Hz (eDP)                                                             |
| Features:                  | Intel Clear Video Technology, Intel Clear Video HD Technology, InTRU 3D Technology, Intel Quick Sync Video, Triple Display Capable |

## Processor

|                     |                                 |
|---------------------|---------------------------------|
| Type / Form Factor: | Intel Core i9 11900K (11th Gen) |
|---------------------|---------------------------------|



## Processor

|                              |                            |
|------------------------------|----------------------------|
| 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                      |
| 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                         |

## Processor

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

