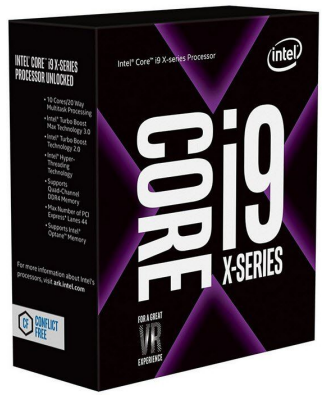
**ComX Computers**
Product Specification Sheet

# CP-iX7920X

Intel skylake-X i9-7920X 2.9Ghz / 4.3Ghz LGA 2066 Processor

## Product Overview

Intel skylake-X LGA 2066 i9-7920X - 12 cores + Hyper-Threading/ 24 threads, 2.9Ghz box cpu/ 4.3Ghz turbo boost, 14nm, SSE4.2, AVX-512 (512bit Advanced Vector eXtensions), BMi2, FMA3, VT-x + VT-d + AES-N, built-in Quad channel DDR4-2666 (non-ECC only) memory controller, support up to 128Gb, 79.47GB/sec memory bandwidth, 12mb L2 cache + 16.5mb L3 cache, 140w - box CPU with no fan (Intel X-series processor for high-end platforms for gamers and creators - 12 cores / 24 threads)




## Specifications

**Specifications:**

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| | |
|---|---|
| **Specifications** | |
| **Product Code** | CP-iX7920X |
| **Essentials** | |
| **Product Collection** | Intel Core X-series Processors |
| **Vertical Segment** | Desktop |
| **Processor Number** | i9-7920X |
| **Lithography** | 14 nm |
| **Performance** | |
| **# of Cores** | 12 |
| **# of Threads** | 24 |
| **Processor Base Frequency** | 2.90 GHz |
| **Max Turbo Frequency** | 4.30 GHz |
| **Cache** | 16.5 MB L3 |

| | |
|---|---|
| **Bus Speed** | 8 GT/s DMI |
| **# of QPI Links** | 0 |
| **Intel Turbo Boost Max Technology 3.0 Frequency** | 4.40 GHz |
| **TDP** | 140 W |
| **Supplemental Information** | |
| **Embedded Options Available** | No |
| **Conflict Free** | Yes |
| **Memory Specifications** | |
| **Max Memory Size (dependent on memory type)** | 128 GB |
| **Memory Types** | DDR4-2666 |
| **Max # of Memory Channels** | 4 |
| **ECC Memory Supported** | No |
| **Expansion Options** | |
| **Scalability** | 1S Only |
| **PCI Express Revision** | 3 |
| **Max # of PCI Express Lanes** | 44 |
| **Package Specifications** | |
| **Max CPU Configuration** | 1 |
| **Thermal Solution Specification** | PCG 2017X |
| **Low Halogen Options Available** | See MDDS |
| **Advanced Technologies** | |
| **Intel Optane Memory Supported** | Yes |
| **Intel Turbo Boost Max Technology 3.0** | Yes |
| **Intel Turbo Boost Technology** | 2 |
| **Intel Hyper-Threading Technology** | Yes |
| **Intel Virtualization Technology (VT-x)** | Yes |
| **Intel Virtualization Technology for Directed I/O (VT-d)** | Yes |
| **Intel 64** | Yes |
| **Instruction Set** | 64-bit |
| **Instruction Set Extensions** | SSE4.1/4.2, AVX 2.0, AVX-512 |
| **Enhanced Intel SpeedStep Technology** | Yes |
| **Security & Reliability** | |
| **Intel AES New Instructions** | Yes |

| | |
|---|---|
| **Execute Disable Bit** | 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/CP-iX7920X-Intel-skylake-X-i9-7920X-2-9Ghz-4-3Ghz-LGA-2066-Processor-p-162031.php**

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