

# AMD Ryzen 9 5900XT processor



|                         |                  |
|-------------------------|------------------|
| <b>Artikel</b>          | 136942           |
| <b>Herstellernummer</b> | 100-100001581WOF |
| <b>EAN</b>              | 0730143316552    |
| <b>AMD</b>              |                  |

## Zusammenfassung

AMD Ryzen 9 5900XT, AMD Ryzen™ 9, Socket AM4, 7 nm, Box, AMD, 5900XT

AMD Ryzen 9 5900XT. Processor family: AMD Ryzen™ 9, Processor socket: Socket AM4, Processor lithography: 7 nm. Memory channels: Dual-channel, Maximum internal memory supported by processor: 128 GB, Memory types supported by processor: DDR4-SDRAM. Supported instruction sets: AES, AVX, AVX 2.0, AVX-512, SSE, SSE2, SSE3, SSE4.1, SSE4.2, SSSE3. USB version: 3.2 Gen 2 (3.1 Gen 2)

## Merkmale

### Features

|                                     |  |
|-------------------------------------|--|
| Maximum number of PCI Express lanes | 24   |
| PCI Express slots version           | 4.0  |
| Supported instruction sets          | AES, AVX, AVX 2.0, AVX-512, SSE, SSE2, SSE3, SSE4.1, SSE4.2, SSSE3 |

### I/O configuration

|                                 |                       |
|---------------------------------|-----------------------|
| USB version                     | 3.2 Gen 2 (3.1 Gen 2) |
| USB ports quantity              | 4                     |
| Total number of SATA connectors | 2                     |

### Memory

|  |                    |
|--|--------------------|
| Maximum internal memory supported by processor | 128 GB             |
| Memory types supported by processor            | DDR4-SDRAM         |
| Memory clock speeds supported by processor     | 2667,2933,3200 MHz |
| Memory channels                                | Dual-channel       |
| ECC  | Yes                |
| Non-ECC  | Yes                |

### Processor

|                          |                       |
|--------------------------|-----------------------|
| Processor manufacturer   | AMD                   |
| Processor generation     | AMD Ryzen 5000 Series |
| Processor model          | 5900XT                |
| Processor base frequency | 3.3 GHz               |
| Processor family         | AMD Ryzen™ 9          |

## Graphics

|                              |               |
|------------------------------|---------------|
| On-board graphics card       | No            |
| Discrete graphics card       | No            |
| On-board graphics card model | Not available |
| Discrete graphics card model | Not available |

|                            |            |
|----------------------------|------------|
| Processor cores            | 16         |
| Processor socket           | Socket AM4 |
| Processor lithography      | 7 nm       |
| Processor threads          | 32         |
| Processor operating modes  | 64-bit     |
| Processor boost frequency  | 4.8 GHz    |
| Processor cache            | 72 MB      |
| Processor cache type       | L2 & L3    |
| Thermal Design Power (TDP) | 105 W      |
| Package type               | Box        |
| Cooler included            | No         |

Preisänderungen und Irrtümer vorbehalten. Alle Produkte solange der Vorrat reicht.