



**CPU AMD 5500**  
**AMD Ryzen 5**  
**Desktop AMD**  
**RyzenT 5 5500**  
**3.6 GHz 6xCores**  
**Cache 16 MB**  
**Socket Socket**  
**AM4 TDP 65 W**  
**Tray 100-**  
**100000457MPK**

Model: 100-100000457MPK

Manufacturer: AMD

Product Code: 42889

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**R1,732**

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Summary: AMD Ryzen 5 5500. Processor family: AMD Ryzen™ 5, 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. Market segment: Desktop, Supported instruction sets: AES, AVX, AVX 2.0, SSE, SSE2, SSE3, SSE4.1, SSE4.2, SSSE3, Compatible operating systems: Windows 11 - 64-Bit Edition , Windows 10 - 64-Bit Edition , RHEL x86 64-Bit , Ubuntu x86 64-Bit | Vendor Homepage: <https://www.amd.com/> | Package type: Tray |

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Processor base frequency: 3.6 | Processor boost frequency: 4.2 | Processor cache: 16 | Processor cache type: L3 | Processor cores: 6 | Processor family: AMD Ryzen™ 5 | Processor generation: AMD Ryzen 5000 Series | Processor lithography: 7 | Processor manufacturer: AMD | Processor model: 5500 | Processor operating modes: 64-bit | Processor socket: Socket AM4 | Processor threads: 12 | Thermal Design Power (TDP): 65 | Maximum internal memory supported by processor: 128 | Memory channels: Dual-channel | Memory clock speeds supported by processor: 2667/2933/3200 | Memory types supported by processor: DDR4-SDRAM | Discrete graphics card: No | Discrete graphics card model: Not available | On-board graphics card: No | On-board graphics card model: Not available | Compatible operating systems: Windows 11 - 64-Bit Edition , Windows 10 - 64-Bit Edition , RHEL x86 64-Bit , Ubuntu x86 64-Bit | Market segment: Desktop | Maximum number of PCI Express lanes: 24 | PCI Express slots version: 3.0 | Supported instruction sets: AES/AVX/AVX 2.0/SSE/SSE2/SSE3/SSE4.1/SSE4.2/SSSE3 | Model: 100-100000457MPK | CPU Family name: AMD Ryzen 5 | Model number: 5500 | Units per Shipping Box: 12 | Unit Calculated Volume: 0.001779 | Unit Calculated Weight: 0.454

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