ComX Computers
Product Specification Sheet

100-100000159BOX

AMD Ryzen 3 3300x 3.8GHz 4 Core/8 Thread AM4 Processor

Product Overview

AMD RYZEN 3 3300x SKT AM4 CPU; 4 Core/8 Thread; Base Clock 3.8GHz, Max Boost Clock 4.3GHz, 18 MB Cache, TDP 65W, RX Vega Graphics, 7nm Zen 2



Specifications

Features:

- Four CPU cores
- Eight threads
- Base clock of 3.8GHz
- Max boost clock of up to 4.0GHz
- Wraith Stealth CPU cooler included
- Default TDP of 65W

Do more. And do it faster.
The AMD RYZEN 3 3300X 4-Core 3.8GHZ AM4 CPU is the fastest AMD Ryzen™ 3 processor on the market and made for intense gaming.

Setting the Bar for High Performance
AMD's high-performance x86 Core "Zen 2" architecture enables 3rd Gen Ryzen™ Processors like the AMD Ryzen™ 9 3900X to deliver the highest single-thread and multi-thread performance of any mainstream desktop processor.1 For gamers and creators alike, that's mission-critical performance built to help you win.

Compute Efficiency by Design
The "Zen 2" core is a significant update to the historic "Zen" architecture. Now featuring:

- Up to 15% more instructions-per-cycle2
- 2X L3 cache capacity (up to 32MB)
- 2X floating point throughput (256-bit)
- 2X OpCache capacity (4K)
- 2X Infinity Fabric bandwidth (512-bit)
- New TAGE branch predictor

Performance and Efficiency for Next-Gen Applications

Cloud computing, enterprise productivity, immersive visual experiences, gaming and streaming all demand increasing computing performance with optimal energy efficiency. From the very beginning, AMD engineers designed the new "Zen 2" core to meet those demands with more core throughput, larger caches, and powerful multi-threading capabilities.

"Zen 2" Microarchitecture Details
"Zen 2" cores are designed to efficiently use available microarchitectural resources for optimal compute performance. Compared to our previous architecture, 2X floating point capabilities and up to 15% higher instructions per cycle enable new performance thresholds.

Powered by the AM4 Platform
AMD Socket AM4 represents the company's future-proof platform enabling: the fastest DDR4 memory, PCIe® 4.0 for NVMe and graphics, plus the first native SuperSpeed USB 10Gbps support on a chipset. With processor-direct SATA and USB connectivity, configurable for real-world flexibility, the AM4 platform takes advantage of the leading-edge features of today and tomorrow.

The advanced processing power you need to master demanding VR workloads
Incredible virtual experiences require incredible computing power. Select AMD VR Ready processors unlock virtual worlds for you to enjoy, thanks to advanced AMD FX™ and AMD Ryzen™ processors that meet or exceed the requirements for either the Oculus Rift, HTC Vive, or Windows® Mixed Reality premium head-mounted displays.

AMD Ryzen™ VR Ready Premium
For users who demand a premium VR experience, AMD offers high-performance Ryzen™ VR Ready Premium processors1. These select models meet or exceed the current top VR-HMD manufacturers Oculus Rift, HTC Vive, or Windows® Mixed Reality recommended specifications for processors, helping ensure the best possible experiences within the virtual worlds you choose.

Ryzen Master - Your Tool to Unlock AMD Ryzen Processors
Every AMD Ryzen processor is multiplier-unlocked from the factory, so you can personalize performance to your taste. AMD provides the AMD Ryzen Master utility to access this powerful advantage. Ryzen Master also now includes Dynamic Local Mode, an exciting new feature specifically for AMD Ryzen™ Threadripper™ WX Series processors that can automatically improve performance in select applications.

Personalized Performance
AMD Ryzen Master provides for up to four profiles to store custom user-defined configurations for both the Ryzen™ CPU, integrated Radeon™ Vega graphics and DDR4 memory. You can adjust active cores, integrated graphics frequency and adjust memory timings, too, to optimize general performance or fine tune for your favorite applications.

Integrated Radeon™ Vega Graphics Overclocking
The integrated GPU in the AMD Ryzen™ with Radeon Vega graphics processor can also be overclocked for even higher gaming performance when overclocking cores and memory. Tune up your favorite game, rename the profile and you can easily return to the optimized setting.

System Monitoring
Accurate hardware status updates are vital, so AMD Ryzen Master has you covered with both real-time monitoring and a histogram of per-core clock rates and temperature, including average and peak readings.

Specifications:

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Specifications	
Product Code	100-100000159BOX
Product Family	AMD Ryzen Processors
Product Line	AMD Ryzen 3 Desktop Processors
Platform	Boxed Processor
# of CPU Cores	4
# of Threads	8
Base Clock	3.8GHz
Max Boost Clock	Up to 4.3GHz
Total L1 Cache	256KB
Total L2 Cache	2MB
Total L3 Cache	16MB
Unlocked	Yes
CMOS	TSMC 7nm FinFET
Package	AM4
PCI Express Version	PCIe 4.0
Thermal Solution (PIB)	Wraith Stealth
Default TDP / TDP	65W
System Memory Specification	3200MHz
System Memory Type	DDR4

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/100-100000159BOX-AMD-Ryzen-3-3300x-3-8GHz-4-Core-8-Thread-AM4-Processor-p-244471.php

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