

# Noctua NH-U9S Performance For The AMD Ryzen 9 3950X + Ondemand vs. Performance Governors

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For those that may be looking to run an air-cooled AMD Ryzen 9 3950X especially in a rack-mount 4U chassis, here are some recent results I did from some testing using a Noctua NH-U9S with two 92mm fan configuration. Additionally, these results contain performance metrics from both CPUFreq Ondemand vs. Performance governors as an additional point of interest.

These results are for reference purposes of the Noctua NH-U9S in a dual fan setup for this 16-core / 32-thread 3.5GHz (4.7GHz boost) CPU rated with a 105 Watt TDP.

Also: [CPUs From 2004 Against AMD's New 64-Core Threadripper 3990X + Tests Against FX-9590](#) [4]

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