A Curious Look At Eight Core Server CPU Performance From Intel Xeon Haswell To AMD EPYC Rome

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When it comes to the AMD EPYC 7002 "Rome" processors we have looked at the various higher-end SKUs since their launch last August up to and including the EPYC 7742 with its 64 cores / 128 threads per socket. But for those wondering about the EPYC 7002 series performance at the bottom end of the spectrum, here are some fun benchmarks of the EPYC 7232P and EPYC 7262 on the near-final Ubuntu 20.04 LTS state compared to various vintages of Intel Xeon CPUs -- most notably, a curiosity driven look at the 8 core / 16 thread Intel Haswell Xeon performance.

The EPYC 7232P comes in at the bottom end of the EPYC spectrum at around $500~509 USD for the retail price as an 8 core / 16 thread Zen 2 server processor. The EPYC 7232P has a 3.1GHz base clock and 3.2GHz boost clock while having a 32MB L3 cache and a 120 Watt TDP. Common EPYC Rome features like the eight channels of DDR4-3200 remain supported with this low-priced EPYC processor.