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Intel Core i9-13900K testing with a ASUS PRIME Z790-P WIFI (0602 BIOS) and AMD Radeon RX 6700 XT 12GB on Ubuntu 22.10 via the Phoronix Test Suite.

Test Systems:

a

b

c

d

e

Processor: Intel Core i9-13900K @ 5.50GHz (24 Cores / 32 Threads), Motherboard: ASUS PRIME Z790-P WIFI (0602 BIOS), Chipset: Intel Device 7a27, Memory: 32GB, Disk: 2048GB SOLIDIGM SSDPFKKW020X7, Graphics: AMD

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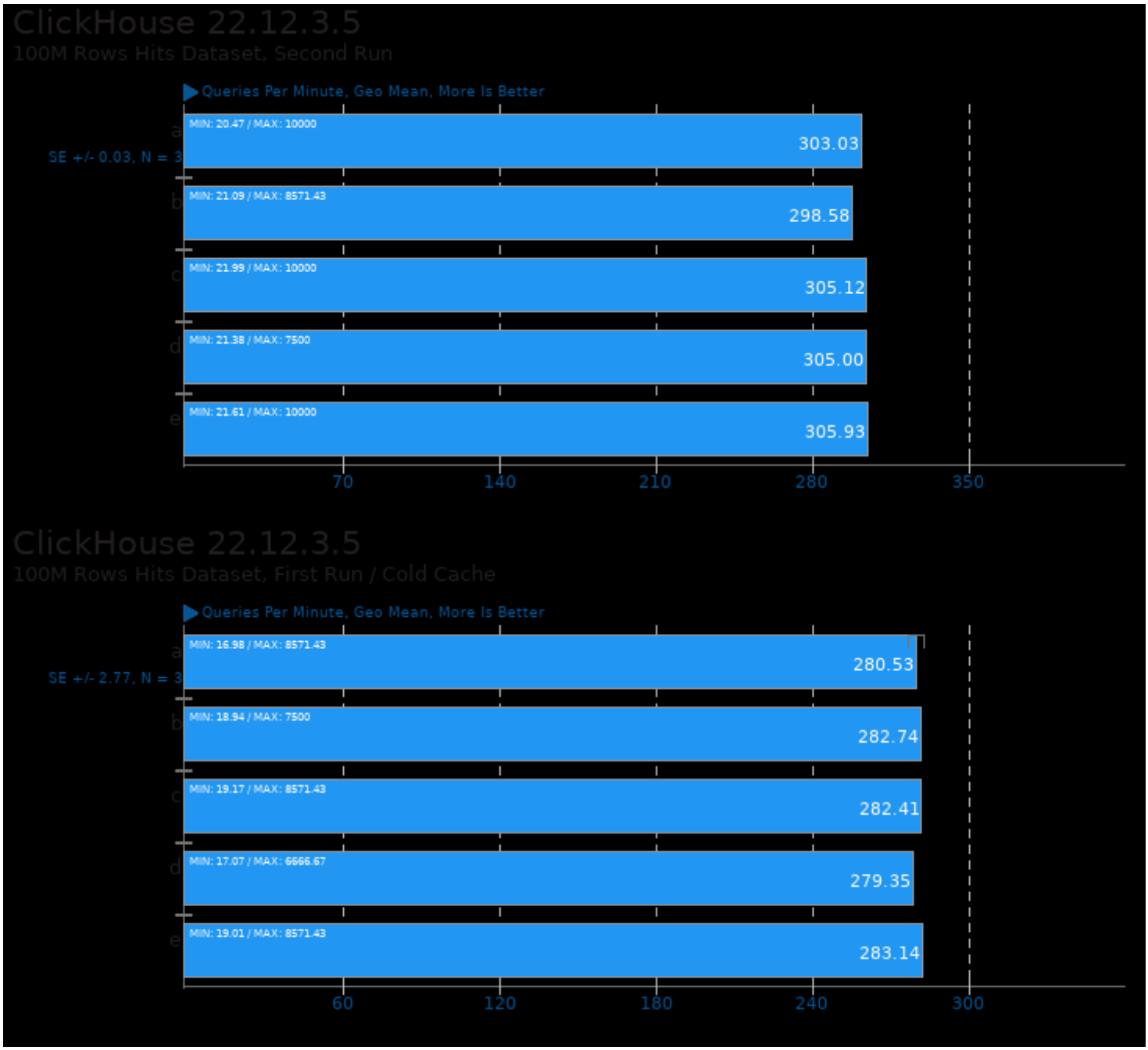
Radeon RX 6700 XT 12GB (2855/1000MHz), Audio: Realtek ALC897, Monitor: ASUS VP28U, Network: Intel Device 7a70

OS: Ubuntu 22.10, Kernel: 6.2.0-rc2-phx (x86_64), Desktop: GNOME Shell 43.1, Display Server: X Server 1.21.1.4 + Wayland, OpenGL: 4.6 Mesa 23.0.0-devel (git-fc0e23b 2023-01-02 kinetic-oibaf-ppa) (LLVM 15.0.5 DRM 3.49), Vulkan: 1.3.238, Compiler: GCC 12.2.0, File-System: ext4, Screen Resolution: 3840x2160

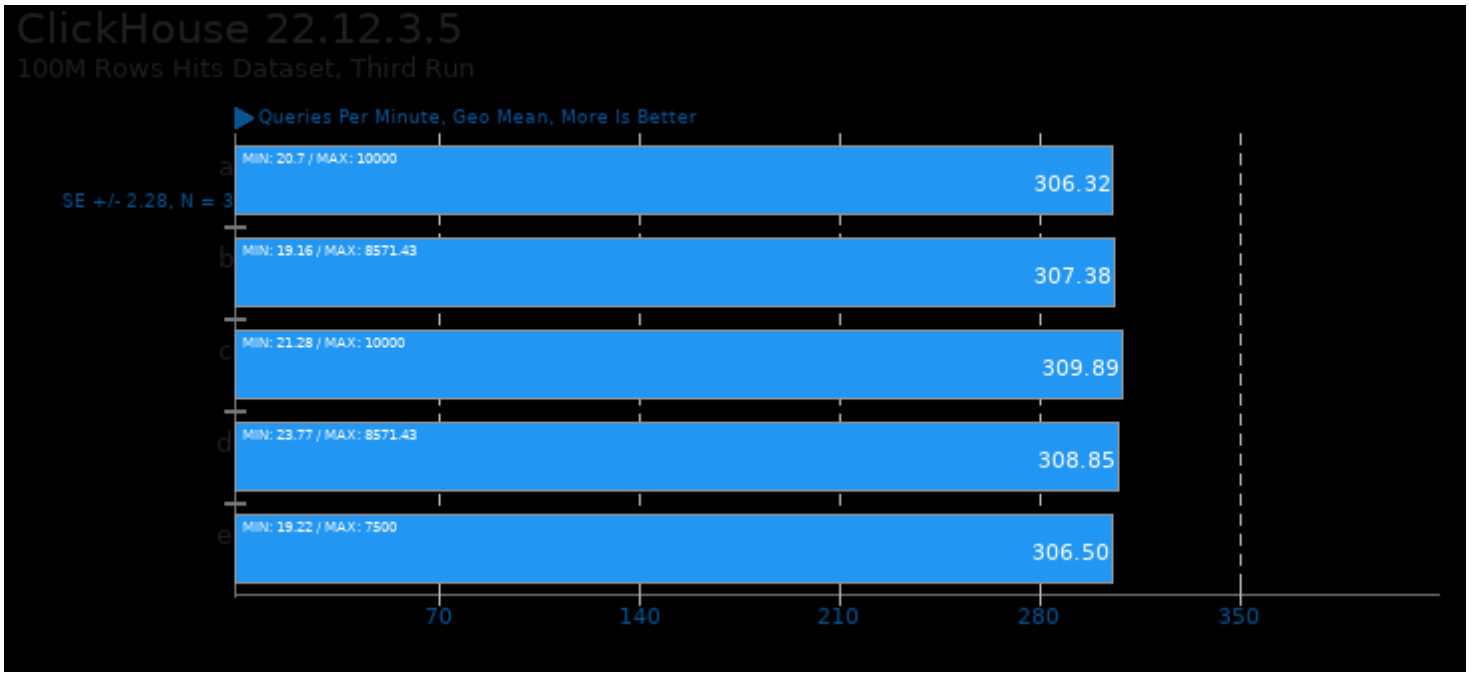
Kernel Notes: Transparent Huge Pages: madvise
Processor Notes: Scaling Governor: intel_pstate powersave (EPP: balance_performance) - CPU Microcode: 0x10e - Thermald 2.5.1
Security Notes: itlb_multihit: Not affected + l1tf: Not affected + mds: Not affected + meltdown: Not affected + mmio_stale_data: Not affected + retbleed: Not affected + spec_store_bypass: Mitigation of SSB disabled via prctl + spectre_v1: Mitigation of usercopy/swapgs barriers and __user pointer sanitization + spectre_v2: Mitigation of Enhanced IBRS IBPB: conditional RSB filling PBRSB-eIBRS: SW sequence + srbds: Not affected + tsx_async_abort: Not affected

	a	b	c	d	e
ClickHouse - 1.R.H.D.S.R (Queries/min, Geo Mean)	303.03	**298.58**	305.12	305.00	**305.93**
Normalized	99.05%	97.6%	99.74%	99.7%	100%
Standard Deviation	0%				
ClickHouse - 1.R.H.D.F.R.C.C (Queries/min, Geo Mean)	280.53	282.74	282.41	**279.35**	**283.14**
Normalized	99.08%	99.86%	99.74%	98.66%	100%
Standard Deviation	1.7%				
ClickHouse - 1.R.H.D.T.R (Queries/min, Geo Mean)	**306.32**	307.38	**309.89**	308.85	306.50
Normalized	98.85%	99.19%	100%	99.66%	98.91%
Standard Deviation	1.3%				

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This file was automatically generated via the Phoronix Test Suite benchmarking software on Friday, 29 March 2024 07:02.