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Intel Core i7-1165G7 testing with a Dell 0GG9PT (3.11.0 BIOS) and Intel Xe TGL GT2 15GB on Ubuntu 22.10 via the Phoronix Test Suite.

Test Systems:

a

b

c

d

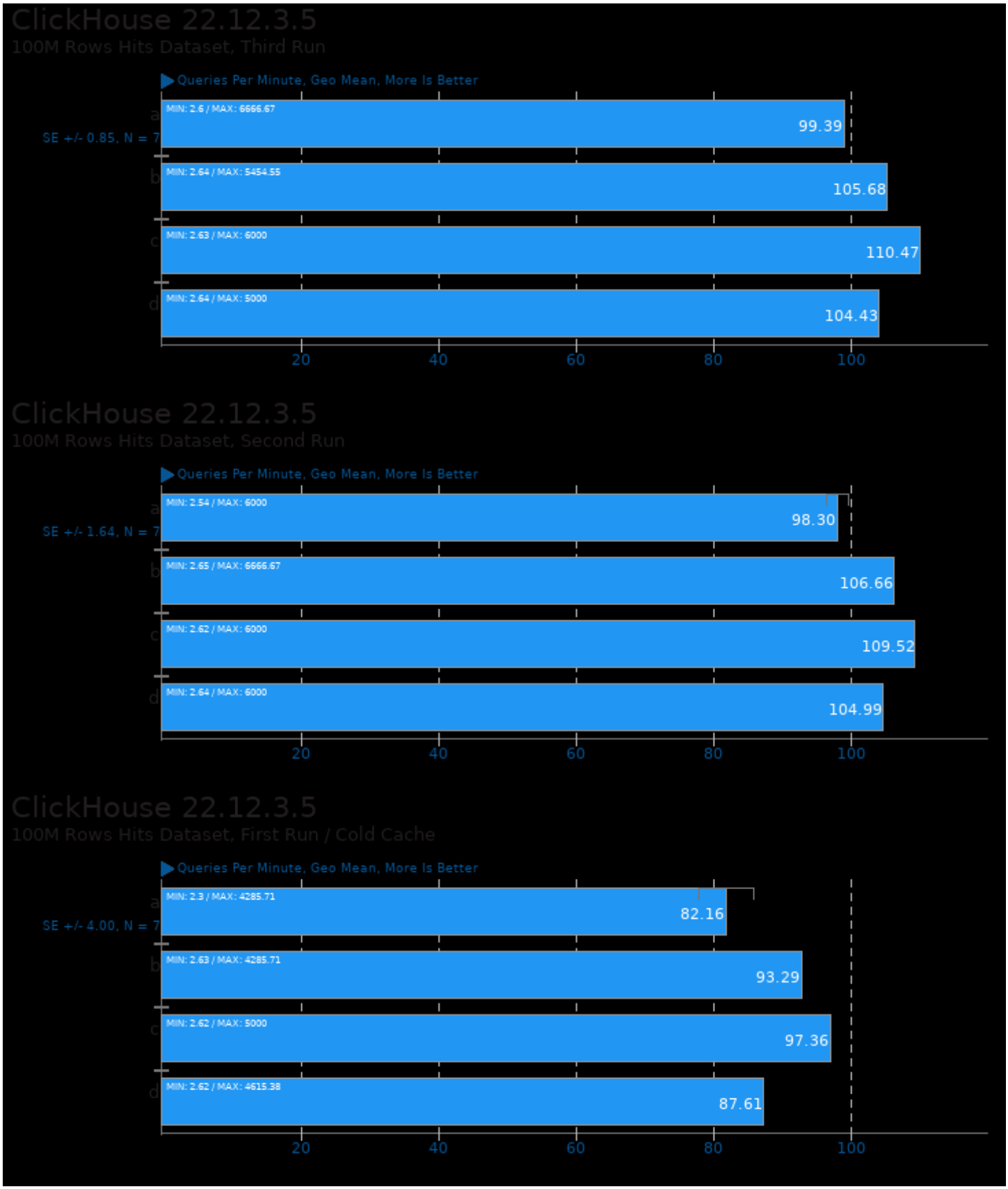
Processor: Intel Core i7-1165G7 @ 4.70GHz (4 Cores / 8 Threads), Motherboard: Dell 0GG9PT (3.11.0 BIOS), Chipset: Intel Tiger Lake-LP, Memory: 16GB, Disk: Kioxia KBG40ZNS256G NVMe 256GB, Graphics: Intel Xe TGL GT2 15GB (1300MHz), Audio: Realtek ALC289, Network: Intel Wi-Fi 6 AX201

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OS: Ubuntu 22.10, Kernel: 5.19.0-26-generic (x86_64), Desktop: GNOME Shell 43.0, Display Server: X Server + Wayland, OpenGL: 4.6 Mesa 22.2.1, Vulkan: 1.3.224, Compiler: GCC 12.2.0, File-System: ext4, Screen Resolution: 1920x1200

Kernel Notes: Transparent Huge Pages: madvise
Processor Notes: Scaling Governor: intel_pstate powersave (EPP: balance_performance) - CPU Microcode: 0xa4 - 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
ClickHouse - 1.R.H.D.T.R (Queries/min, Geo Mean)	**99.39**	105.68	**110.47**	104.43
Normalized	89.97%	95.66%	100%	94.53%
Standard Deviation	2.3%			
ClickHouse - 1.R.H.D.S.R (Queries/min, Geo Mean)	**98.30**	106.66	**109.52**	104.99
Normalized	89.76%	97.39%	100%	95.86%
Standard Deviation	4.4%			
ClickHouse - 1.R.H.D.F.R.C.C (Queries/min, Geo Mean)	**82.16**	93.29	**97.36**	87.61
Normalized	84.39%	95.82%	100%	89.99%
Standard Deviation	12.9%			



This file was automatically generated via the Phoronix Test Suite benchmarking software on Thursday, 28 March 2024 05:20.