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Intel Core i7-1280P testing with a MSI MS-14C6 (E14C6IMS.115 BIOS) and MSI Intel ADL GT2 15GB on Ubuntu 22.10 via the Phoronix Test Suite.

Test Systems:

a

b

c

Processor: Intel Core i7-1280P @ 4.80GHz (14 Cores / 20 Threads), Motherboard: MSI MS-14C6 (E14C6IMS.115 BIOS), Chipset: Intel Alder Lake PCH, Memory: 16GB, Disk: 1024GB Micron_3400_MTFDKBA1T0TFH, Graphics: MSI Intel ADL GT2 15GB (1450MHz), Audio: Realtek ALC274, Network: Intel Alder Lake-P PCH CNVi WiFi

OS: Ubuntu 22.10, Kernel: 5.19.0-26-generic (x86_64), Desktop: Xfce 4.16, Display Server: X Server 1.21.1.4, OpenGL: 4.6 Mesa 22.2.1, OpenCL: OpenCL 3.0, Vulkan: 1.3.224, Compiler: GCC 12.2.0, File-System: ext4, Screen Resolution:

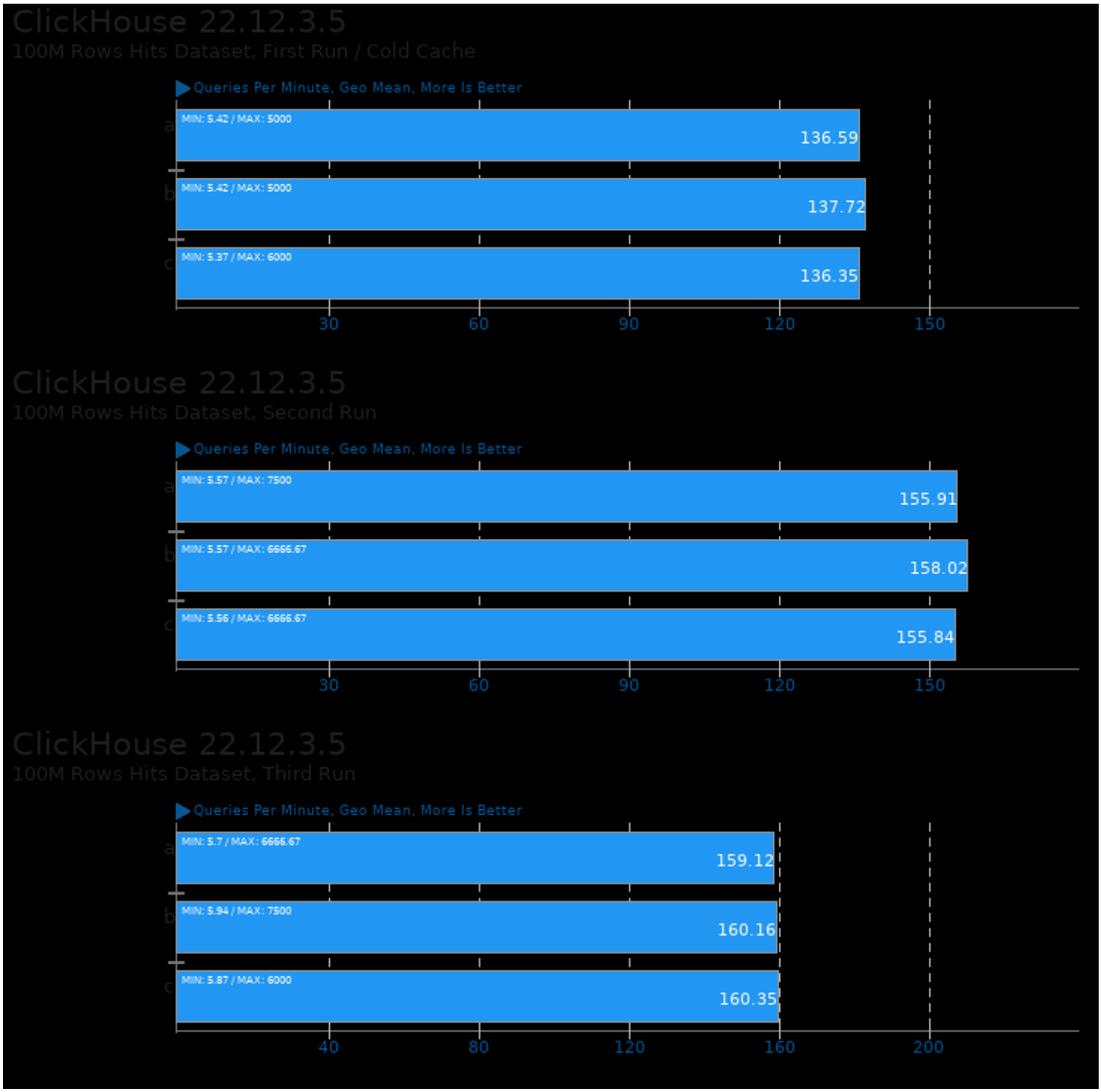
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1920x1080

Kernel Notes: Transparent Huge Pages: madvise
Processor Notes: Scaling Governor: intel_pstate powersave (EPP: balance_performance) - CPU Microcode: 0x421 - 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
ClickHouse - 1.R.H.D.F.R.C.C (Queries/min, Geo Mean)	136.59	**137.72**	**136.35**
Normalized	99.18%	100%	99.01%
ClickHouse - 1.R.H.D.S.R (Queries/min, Geo Mean)	155.91	**158.02**	**155.84**
Normalized	98.66%	100%	98.62%
ClickHouse - 1.R.H.D.T.R (Queries/min, Geo Mean)	**159.12**	160.16	**160.35**
Normalized	99.23%	99.88%	100%

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