

www.phoronix-test-suite.com

t470

Intel Core i7-7500U testing with a LENOVO 20HES3DU00 (N1QET55W 1.30 BIOS) and Intel HD 620 KBL GT2 3GB on Ubuntu 20.04 via the Phoronix Test Suite.

Test Systems:

nodejs-express-load

r

inkscape

darktable

Processor: Intel Core i7-7500U @ 3.50GHz (2 Cores / 4 Threads), Motherboard: LENOVO 20HES3DU00 (N1QET55W 1.30 BIOS), Chipset: Intel Xeon E3-1200 v6/7th, Memory: 32GB, Disk: 1024GB SAMSUNG MZVLW1T0HMLH-000L7, Graphics: Intel HD 620 KBL GT2 3GB (1050MHz), Audio: Realtek ALC298, Monitor: DELL UP2414Q, Network: Intel I219-V + Intel 8265 / 8275

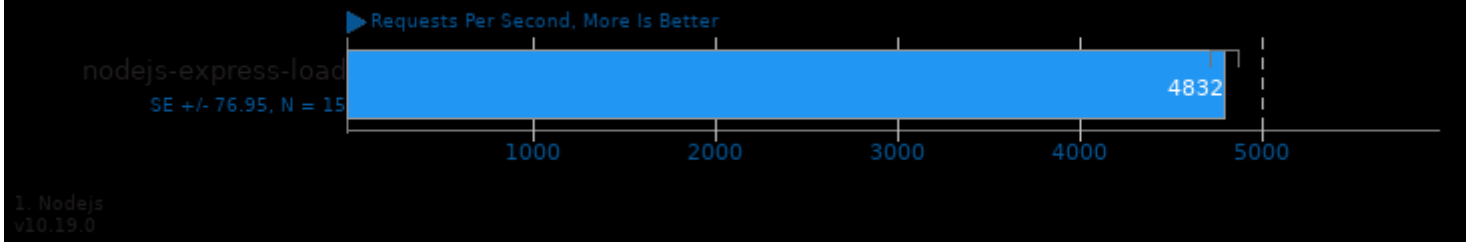
t470

OS: Ubuntu 20.04, Kernel: 5.4.0-77-generic (x86_64), Display Server: X Server 1.20.9, OpenGL: 4.6 Mesa 20.2.6, OpenCL: OpenCL 2.0 + OpenCL 2.0 beignet 1.3, Compiler: GCC 9.3.0, File-System: ext4, Screen Resolution: 5760x2380

Kernel Notes: Transparent Huge Pages: madvise
Processor Notes: Scaling Governor: intel_pstate powersave - CPU Microcode: 0xea - Thermald 1.9.1
Security Notes: itlb_multihit: KVM: Mitigation of Split huge pages + l1tf: Mitigation of PTE Inversion; VMX: conditional cache flushes SMT vulnerable + mds: Mitigation of Clear buffers; SMT vulnerable + meltdown: Mitigation of PTI + spec_store_bypass: Mitigation of SSB disabled via prctl and seccomp + spectre_v1: Mitigation of usercopy/swapgs barriers and __user pointer sanitization + spectre_v2: Mitigation of Full generic retpoline IBPB: conditional IBRS_FW STIBP: conditional RSB filling + srbds: Mitigation of Microcode + tsx_async_abort: Not affected

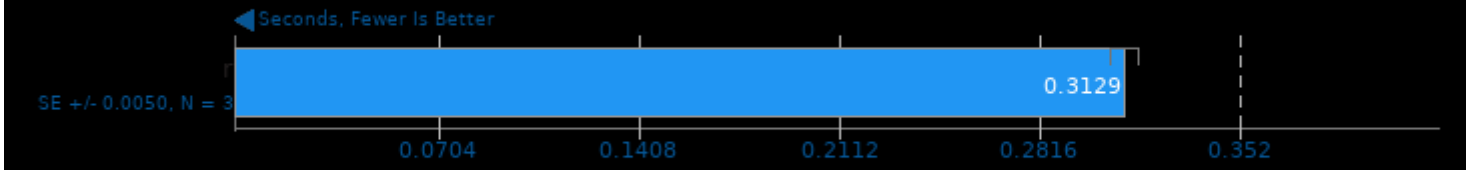
	nodejs-express-load	r	inkscape	darktable
Node.js Express HTTP Load Test (Reqs/sec)	4832			
Standard Deviation	6.2%			
R Benchmark (sec)		0.3129		
Standard Deviation		2.8%		
Inkscape - SVG Files To PNG (sec)			47.380	
Standard Deviation			0.8%	
Darktable - Boat - OpenCL (sec)				34.949
Standard Deviation				2.9%
Darktable - Boat - CPU-only (sec)				56.067
Standard Deviation				3.2%
Darktable - Masskrug - OpenCL (sec)				20.170
Standard Deviation				0.9%
Darktable - Masskrug - CPU-only (sec)				49.572
Standard Deviation				11.2%
Darktable - Server Rack - OpenCL				0.986
Standard Deviation				2.5%
Darktable - Server Room - OpenCL				10.612
Standard Deviation				0.5%
Darktable - Server Rack - CPU-only (sec)				0.725
Standard Deviation				2.5%
Darktable - Server Room - CPU-only (sec)				40.029
Standard Deviation				2.2%

Node.js Express HTTP Load Test



1. Nodejs v10.19.0

R Benchmark



1. R scripting front-end version 4.1.0 (2021-05-18)

Inkscape

Operation: SVG Files To PNG



1. Inkscape 0.92.5 (2060ec1f9f, 2020-04-08)

Darktable 3.0.1

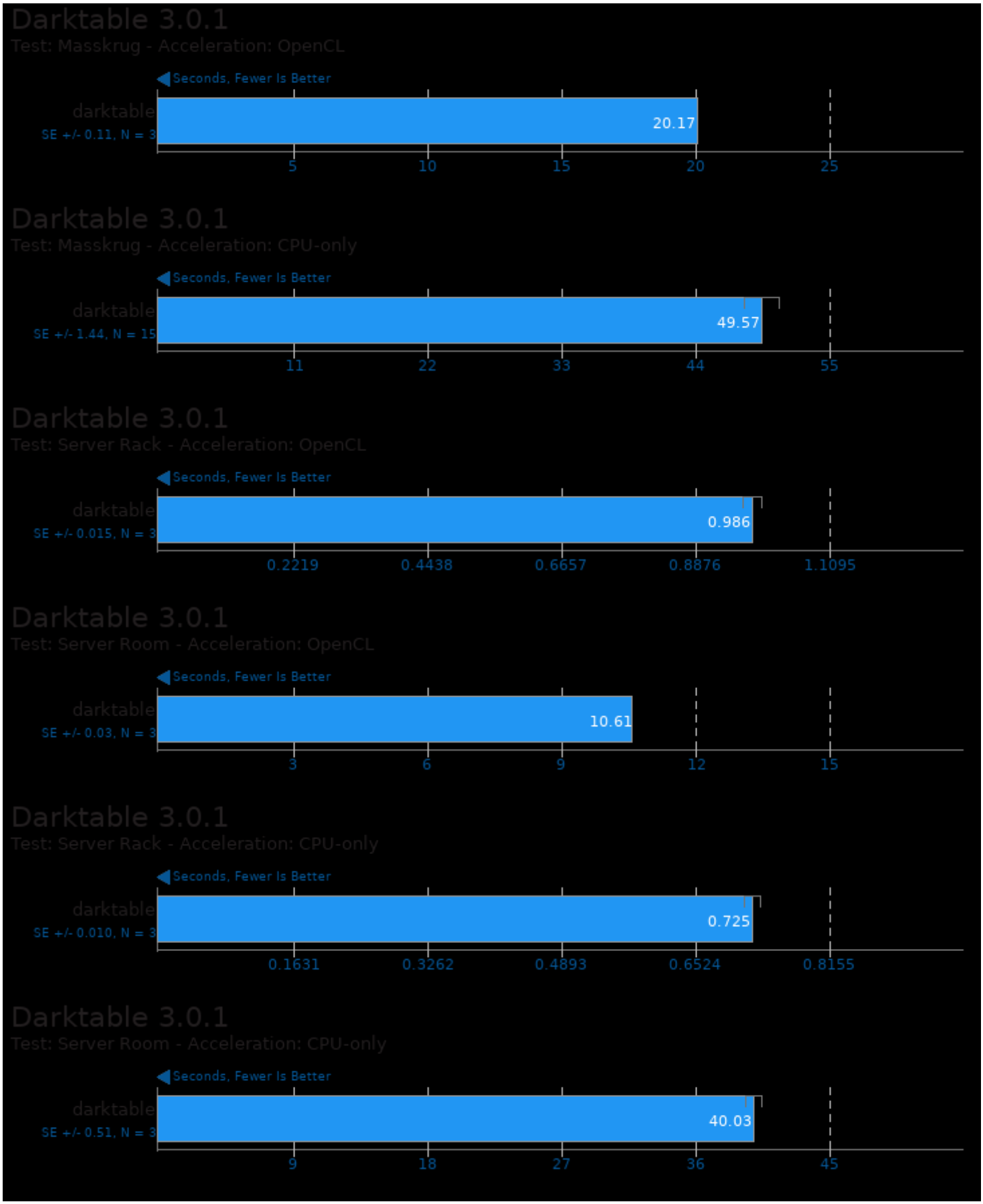
Test: Boat - Acceleration: OpenCL



Darktable 3.0.1

Test: Boat - Acceleration: CPU-only





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

09:00.