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US ROG CROSSHAIR VIII HERO (3501 BIOS) On Microsoft Windows 10 Pro Build 190

Various open-source benchmarks by the Phoronix Test Suite v10.4.0 (Ibestad).

Test Systems:

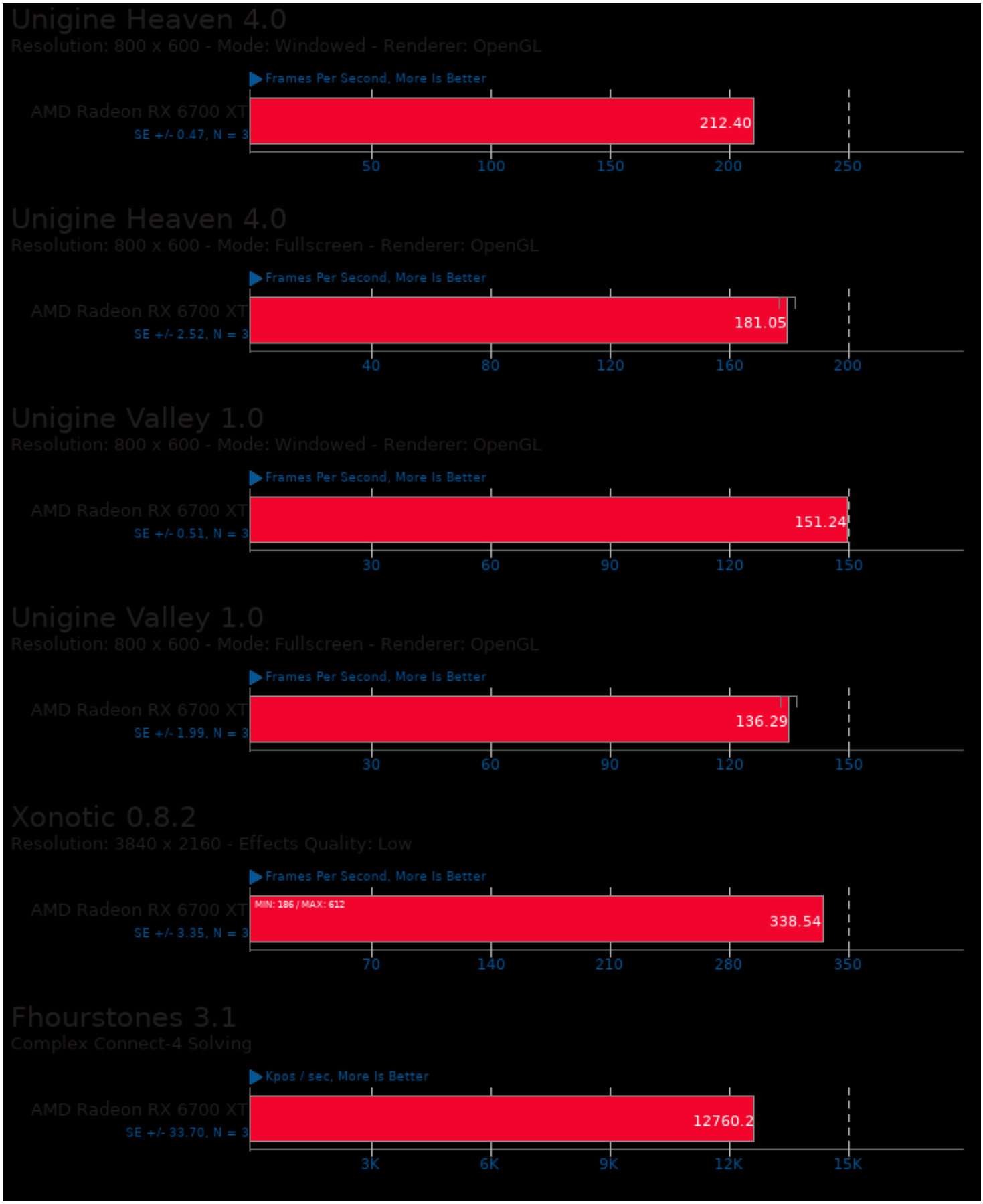
AMD Radeon RX 6700 XT

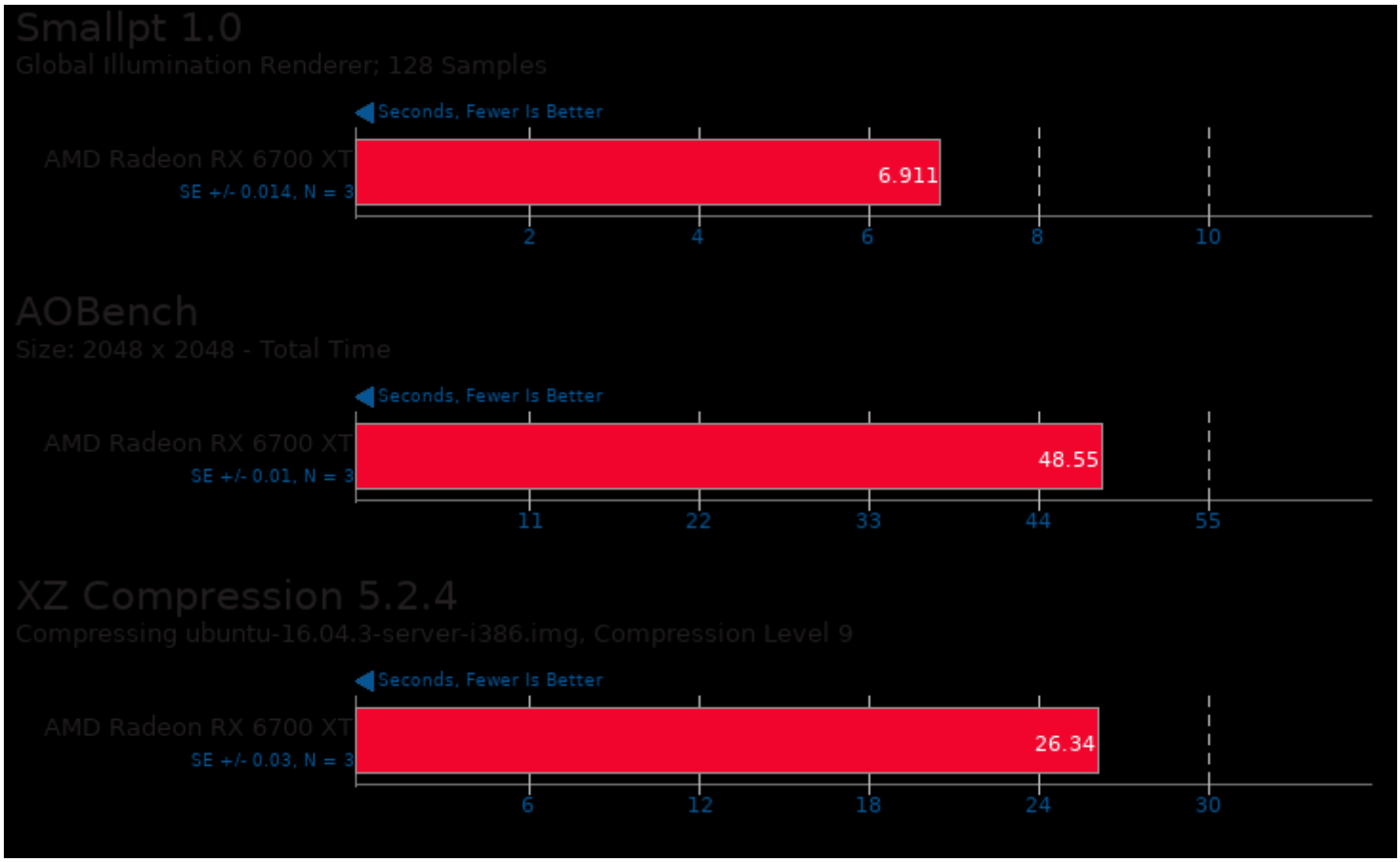
Processor: AMD Ryzen 9 3950X 16-Core @ 4.30GHz (16 Cores / 32 Threads), Motherboard: ASUS ROG CROSSHAIR VIII HERO (3501 BIOS), Memory: 2 x 16384 MB 3200MHz Corsair CMW32GX4M2C3200C16, Disk: 3726GB WDC WD40EFRX-68WT0N0 + 466GB MKNSSDSR500GB + 466GB WDBRPG5000ANC-WRSN + 7452GB WDC WD8001FZBX-00ASYA0 + 224GB SanDisk SDSSDX240GG25 + 932GB CT1000MX500SSD1 + 29GB USB Flash DISK USB, Graphics: AMD Radeon RX 6700 XT 4GB, Audio: Realtek HD Audio + USB Audio Device + AMD Streaming Audio Device + AMD HD Audio Device + Sonic Studio Virtual Mixer + Focusrite Usb Audio, Monitor: U3J59, Network: Intel I211 Gigabit Connection + Realtek PCIe 2.5GbE

OS: Microsoft Windows 10 Pro Build 19043, Kernel: 10.0 (x86_64), Display Driver: 27.20.22025.1006, OpenCL: OpenCL 2.1 AMD-APP (3276.6), File-System: NTFS, Screen Resolution: 3840x2160

Processor Notes: CPU Microcode: 2110700800000000
Security Notes: __user pointer sanitization: Disabled + Retpoline: Full + IBPB: Always + STIBP: Enabled

	AMD Radeon RX 6700 XT
Unigine Heaven - 800 x 600 - Windowed - OpenGL (FPS)	212.400
Standard Deviation	0.4%
Unigine Heaven - 800 x 600 - Fullscreen - OpenGL (FPS)	181.049
Standard Deviation	2.4%
Unigine Valley - 800 x 600 - Windowed - OpenGL (FPS)	151.238
Standard Deviation	0.6%
Unigine Valley - 800 x 600 - Fullscreen - OpenGL (FPS)	136.290
Standard Deviation	2.5%
Xonotic - 3840 x 2160 - Low (FPS)	338.5421887
Standard Deviation	1.7%
Fhourstones - C.C.4.S (Kpos / sec)	12760
Standard Deviation	0.5%
Smallpt - G.I.R.1.S (sec)	6.911
Standard Deviation	0.3%
AOBench - 2048 x 2048 - Total Time (sec)	48.549
Standard Deviation	0%
XZ Compression - C.u.1.0.3.s.i.i.C.L.9 (sec)	26.343
Standard Deviation	0.2%


Unigine Heaven 4.0
Resolution: 800 x 600 - Mode: Windowed - Renderer: OpenGL
Frames Per Second, More Is Better
AMD Radeon RX 6700 XT
SE +/- 0.47, N = 3
212.40
50
100
150
200
250
Unigine Heaven 4.0
Resolution: 800 x 600 - Mode: Fullscreen - Renderer: OpenGL
Frames Per Second, More Is Better
AMD Radeon RX 6700 XT
SE +/- 2.52, N = 3
181.05
40
80
120
160
200
Unigine Valley 1.0
Resolution: 800 x 600 - Mode: Windowed - Renderer: OpenGL
Frames Per Second, More Is Better
AMD Radeon RX 6700 XT
SE +/- 0.51, N = 3
151.24
30
60
90
120
150
Unigine Valley 1.0
Resolution: 800 x 600 - Mode: Fullscreen - Renderer: OpenGL
Frames Per Second, More Is Better
AMD Radeon RX 6700 XT
SE +/- 1.99, N = 3
136.29
30
60
90
120
150
Xonotic 0.8.2
Resolution: 3840 x 2160 - Effects Quality: Low
Frames Per Second, More Is Better
AMD Radeon RX 6700 XT
SE +/- 3.35, N = 3
MIN: 186 / MAX: 612
338.54
70
140
210
280
350
Fhourstones 3.1
Complex Connect-4 Solving
Kpos / sec, More Is Better
AMD Radeon RX 6700 XT
SE +/- 33.70, N = 3
12760.2
3K
6K
9K
12K
15K



This file was automatically generated via the Phoronix Test Suite benchmarking software on Thursday, 28 March 2024 05:37.