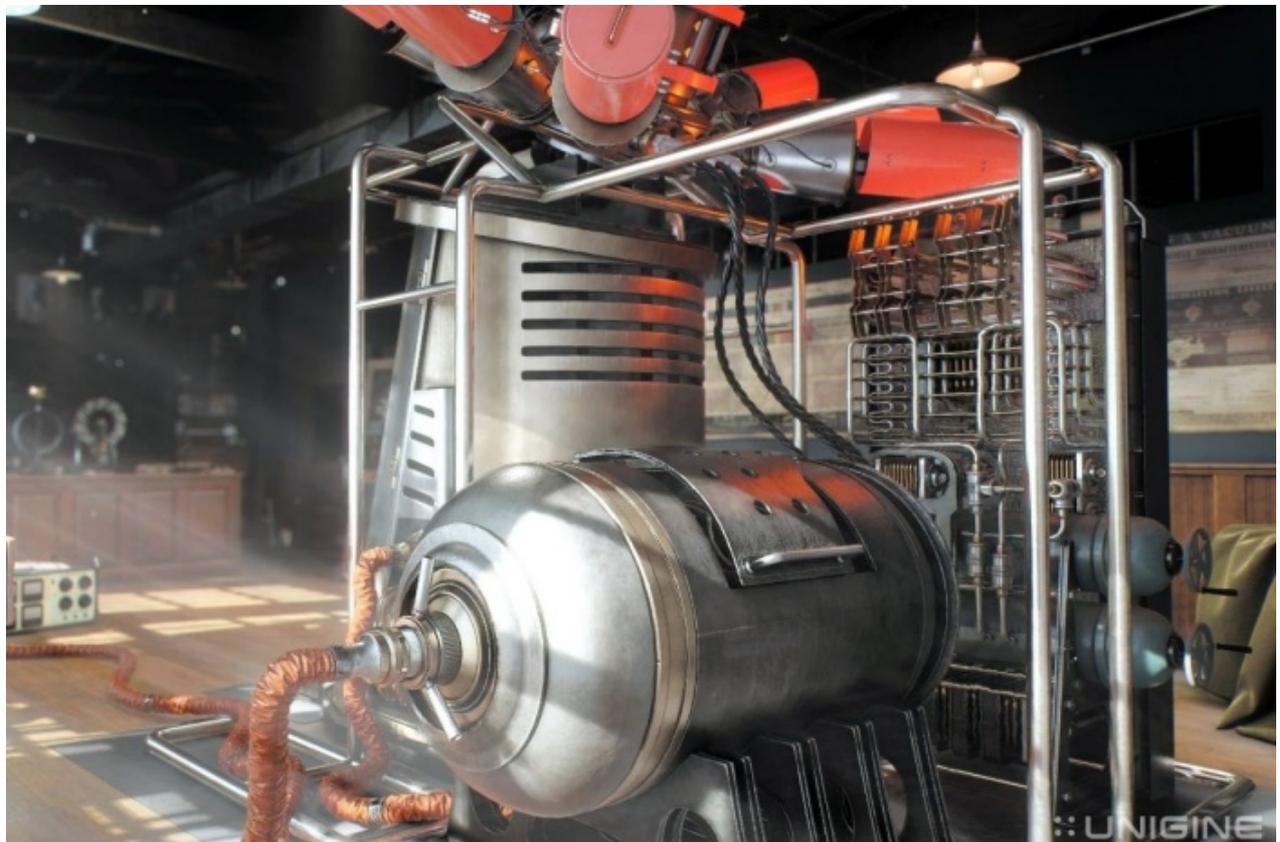


## UNIGINE lancia Superposition

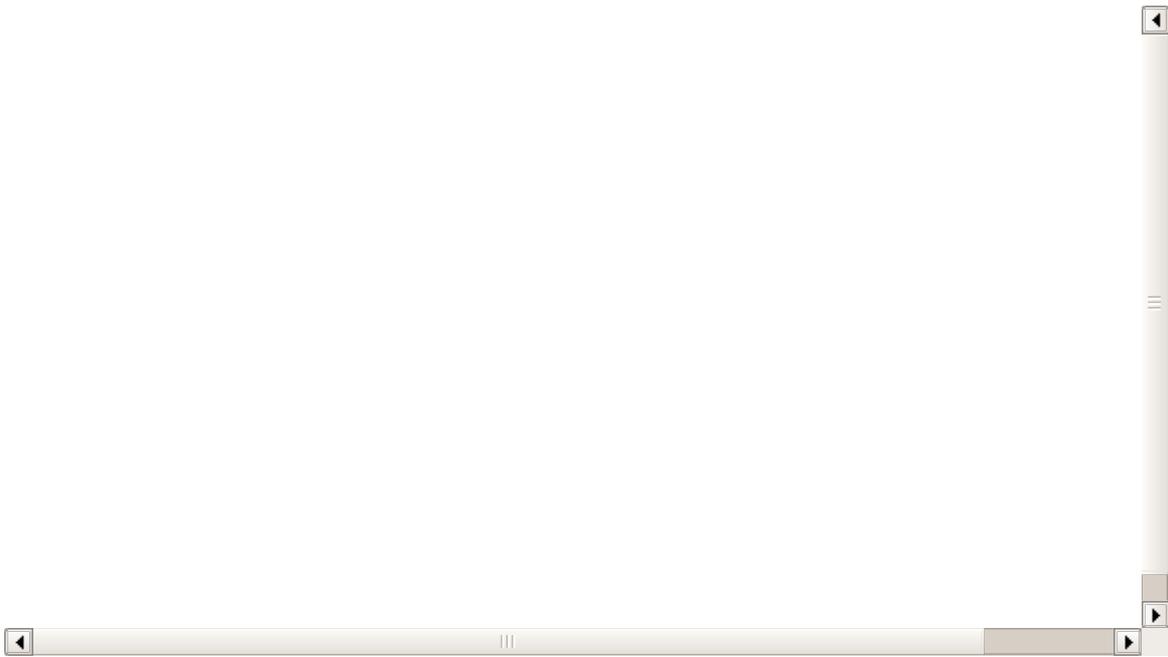
**::UNIGINE**  
www.unigine.com

**LINK (<https://www.nexthardware.com/news/diagnostica/8022/unigine-lancia-superposition.htm>)**

Disponibile per il download un nuovo benchmark 3D in grado di mettere alla frusta le recenti VGA ed i dispositivi VR.



La celebre software house russa, dopo i popolari Valley ed Heaven, ha reso disponibile un nuovo benchmark 3D per verificare le prestazioni delle schede video di ultima generazione garantendo, al contempo, la compatibilità con i visori per la realtà virtuale quali Oculus Rift e HTC Vive a patto di aver acquistato la versione "Advanced" al costo di circa 20\$.



E' indubbiamente interessante la possibilità di selezionare alcuni preset per la risoluzione dei benchmark potendo spaziare da un minimo di 1280x720 ad un massimo di 8K, il che rende indicato l'utilizzo di Superposition anche su piattaforme high-end di prossima generazione.

**SUPERPOSITION BENCHMARK**

**RESULTS (1080P MEDIUM)**

**8187**  
Compare results online

FPS: Min 52.31, Avg 61.24, Max 77.32  
GPU °C: Min 27.0, Max 53.0  
GPU Utilization: Max 100%

**Settings**

Version: 1.0  
Graphics API: DirectX  
Resolution: 1920 x 1080  
Fullscreen: Enabled  
Shaders: Medium  
Textures: Medium  
DOF: enabled  
Motion Blur: enabled

**Configuration**

CPU: Intel Core i7-7700K @ 4200 MHz (Stock) / 4200 MHz (Actual)  
RAM: 16 GB  
GPU: ASUS Radeon RX 470/480 8 GB (Ellesmere)  
OS: Windows 10 (build 14393)

**TechPowerUp GPU-Z 1.19.0**

Graphics Card: Radeon (TM) FX 480 Graphics  
GPU: Ellesmere Revision: C7  
Technology: 14 nm Die Size: 232 mm²  
Release Date: Jun 29, 2016 Transistors: 5700M  
BIOS Version: 015 050 000 000 000000 UEFI  
Subvendor: ASUS Device ID: 1002 670F - 1043 04FD  
ROPs/TMUs: 32 / 144 Bus Interface: PCIe x16 3.0 @ x16 1.1  
Shaders: 2304 Unified DirectX Support: 12 (12\_6)  
Pixel Fillrate: 42.2 GPixels/s Texture Fillrate: 190.1 GTexels/s  
Memory Type: GDDR5 (Samsung) Bus Width: 256 Bit  
Memory Size: 8192 MB Bandwidth: 284.9 GB/s  
Driver Version: 22.19.157.3 (Crash 17.4.2) Beta / Win10 64  
GPU Clock: 1320 MHz Memory: 2226 MHz Shade: N/A  
Default Clock: 0 MHz Memory: 2000 MHz Shade: N/A  
AMD CrossFire: Disabled  
Computing:  OpenCL  CUDA  PhysX  DirectCompute 5.0  
Radeon (TM) FX 480 Graphics

**CPU-Z**

**Processor**

Name: Intel Core i7-7700K  
Code Name: Kaby Lake Max TDP: 91.0 W  
Package: Socket 1151 LGA  
Technology: 14 nm Core Voltage: 1.504 V  
Specification: Intel® Core™ i7-7700K CPU @ 4.20GHz  
Family: 6 Model: E Stepping: 9  
Ext. Family: 6 Ext. Model: 9C Revision: B0  
Instructions: MMX, SSE, SSE2, SSE3, SSE4.1, SSE4.2, EM64T, AVX, AVX2, FMA3, TSX  
Clocks (Core #):  
Core Speed: 5200.0 MHz Caches: 4 x 32 Kbytes 8-way  
Multiplier: x 52.0 (5 - 52) L1 Inst: 4 x 32 Kbytes 8-way  
Bus Speed: 100.0 MHz Level 2: 4 x 256 Kbytes 4-way  
Rated PDS: Level 3: 8 Mbytes 35-way  
Selection: Processor #1 Cores: 4 Threads: 8

**Motherboard**

Manufacturer: AGUSTEK COMPUTERS INC.  
Model: MAXIMUS IX HERO Rev: 1.0xx  
Chipset: Intel Kaby Lake Rev: 05  
Southbridge: Intel Z270 Rev: 00  
LPCIO: Nuoton NCT6793/MCT5963  
BIOS: Brand: American Megatrends Inc. Version: 0905 Date: 03/22/2017  
Graphic Interface: Version: PCI Express Link Width: x16 Max. Supported: x16 Side Band Addressing:

**General**

Type: DDR4 Channels #: Dual  
Size: 16384 Mbytes  
MB Frequency: 4200.0 MHz  
Timings:  
DRAM Frequency: 2933.4 MHz  
PSB: DRAM: 1:20  
CAS# Latency (CL): 16.0 clocks  
RAS# to CAS# Delay (tRCD): 17 clocks  
RAS# Precharge (tRP): 17 clocks  
Cycle Time (tRAS): 37 clocks  
Row Refresh Cycle Time (tRFC): 677 clocks  
Command Rate (CR): 2T  
DRAM Idle Timer: Total CAS# (tBDRAM) Row To Column (tRCD)



A [questo \(https://unigine.com/en/products/benchmarks/superposition\)](https://unigine.com/en/products/benchmarks/superposition) link è possibile effettuare il download di tutte le versioni del software attualmente disponibili.