

Archilime Customer Story

Archilime and Chaos V-Ray bring Koto Design's Palm Springs house to life

Powered by
**Lenovo Workstations
& NVIDIA RTX**



Lenovo

Using Lenovo Workstations powered by NVIDIA RTX™ professional graphics and Chaos V-Ray, the Archilime Academy was able to create photo-realistic visualizations of a stunning Palm Springs home designed by leading architectural firm Koto Design. The result is a beautiful, sustainable home that is both stylish and comfortable.

UK-based visualization experts and training facility, the Archilime Academy, teamed with Chaos, NVIDIA and Lenovo to visualize a stunning home in Palm Springs, California, designed by leading architectural firm Koto Design.

Koto's unique design embraces the warmth of Scandinavian minimalism and fits perfectly into its desert environment. The home will be built by Plant Prefab using state-of-the-art prefabrication techniques and designed to meet carbon-neutral energy standards, complete with energy monitoring and smart home technology. The result will be a modern, sustainable home that is both stylish and comfortable.

The Archilime Academy was able to bring their designs to life using Chaos V-Ray, the number one photorealistic ray tracing software for architectural rendering featuring GPU acceleration, and Vantage, which makes real-time ray tracing drag-and-drop easy. Chaos develops award-winning visualization technologies that empower artists and designers to create photorealistic imagery and animation. Using V-Ray® 6 for SketchUp, Archilime modeled a complete 3D scene featuring cinematic visualizations of the rocky, desert landscape, subtle lighting, detailed textures, and unique weather conditions that showcase this sustainable home in harmony with its environment.

Such complex visualizations place extraordinary demands on workstation hardware. Both Chaos solutions perform best on powerful workstations, like the Lenovo ThinkPad and ThinkStation P Series, and are fully compatible with leading design applications including 3ds Max®, SketchUp, Rhino®, Revit®, Cinema 4D®, and more.

To get the maximum performance from V-Ray and Vantage, architects, designers, engineers, and visualizers need powerful Lenovo Workstations with NVIDIA RTX professional graphics.



Archilime
Academy

chaos

KOTO

Lenovo Workstations with NVIDIA RTX

Lenovo

Lenovo focuses on power, performance, and industry-leading reliability in every ThinkStation and ThinkPad we design. By combining state of the art NVIDIA RTX professional graphics with our ground-breaking designs, Lenovo is able to push our systems harder to accelerate the most demanding rendering and visualization workloads with Chaos V-Ray and Vantage.

ThinkStation P620

Extreme power redefines rendering performance

Now you can have the power of a data center on your desktop to run the most complex visualization and rendering projects with Chaos V-Ray.

Specifications:

- AMD Ryzen™ Threadripper™ PRO
- Up to 2 NVIDIA RTX A6000
- Up to 1TB DDR4, 3200MHz
- Gen4 support for PCIe slots and M.2 storage



ThinkPad P1



Render anywhere

Extraordinary power, comfort, and convenience in a compact, light mobile. The ThinkPad P1 delivers high-performance rendering on the go with V-Ray.

Specifications:

- 12th Gen Intel® Core™ i7, i9 H-Series
- Up to NVIDIA RTX A5500
- Up to 64GB DDR5 4800MHz Memory
- Up to 8TB M.2 PCIe Gen4 NVMe Performance SSD

Desktop rendering performance on the go

Introducing the ThinkPad P16, a mobile workstation built to deliver the ultimate rendering performance with V-Ray wherever work takes you.

Specifications:

- 12th Gen Intel Core i5, i7, i9 HX-Series
- Up to NVIDIA RTX A5500
- Up to 128GB DDR5 4800MHz
- Up to 8TB M.2 PCIe Gen4 NVMe Performance SSD



ThinkPad P16