

Wylie Co. Customer Story

# Powering Dune's Visual Effects with Lenovo



Lenovo

Courtesy of Warner Bros. Entertainment/Legendary Pictures

Wylie Co. is a cutting-edge visual effects studio that specializes in pre and post visualization for feature films and television. Jake Maymudes founded Wylie Co. in 2015 with the idea that he could create a new kind of visual effects company, featuring a talented, agile, highly efficient team that provides the highest quality work faster than traditional vendors.

“To be successful in this business, you have to be incredibly efficient, and in order to do that, you have to have the best hardware.”

Jake Maymudes, CEO, Wylie Co.

At Wylie Co., that means harnessing dozens of Lenovo ThinkStation P620s powered by AMD Ryzen™ Threadripper™ PRO processors.

Academy Award-winning VFX Supervisor, Paul Lambert, brought Wylie Co. on during the postproduction phase for the award-winning film, Dune. Lambert chose Wylie Co. because of their reputation as an experienced, nimble company that can turn around high quality shots quickly.

## The Challenge

For their work on Dune, Wylie Co. needed to produce hundreds of post visualization and final shots. Lambert explains that when it comes to postproduction, speed is everything. When a director gives feedback, they expect to see results within 24-48 hours. To achieve these fast turnaround times, you need the fastest, most reliable hardware.

Wylie Co. was responsible for Dune's iconic blue eyes (The Eyes of Ibad), tracking nearly 450 eye shots to achieve stunning results.



Courtesy of Warner Bros. Entertainment/Legendary Pictures

## The Solution

Wylie Co. began using the ThinkStation P620 with AMD Ryzen™ Threadripper™ PRO because of its game-changing power and speed. Equipped with high core count and frequency, NVIDIA RTX™ professional graphics, and massive storage, they saw immediate improvements in iteration times. Wylie Co. was able to turn around incredible amounts of iterations and be exceptionally efficient with their team. By the end of production on Dune, Wylie Co. had finished nearly 300 post-vis shots as well as approximately 900 final visual effects. In fact, they created a version of every single post-visualization spot in the film.

Looking ahead, Maymudes is excited to build on the power of his company's solid technology foundation. Wylie Co. is diving into machine learning and AI, which he predicts is the future of visual effects.

“Those advances have to be run on bleeding edge tech, and Lenovo and AMD can supply that.”

Jake Maymudes, CEO, Wylie Co.



# How Lenovo Workstations Transformed Their Process

The Lenovo ThinkStation P620 with AMD Ryzen™ Threadripper™ PRO offers stunning performance with up to 64 cores and clock speed up to 4.5GHz. The P620 combines Lenovo's legendary reliability and customer-driven innovation with professional manageability and enterprise-class support.

Purpose built with the speed and configurability professionals require, this powerhouse offers PCIe Gen4, unmatched NVIDIA RTX™ professional graphics support, as well as increased storage speed and fast onboard 10GB ethernet. The ThinkStation P620 provides the ground-breaking performance and reliability you need to bring your creative vision to life.

“Our relationship with AMD and Lenovo has really flourished in the last couple of years. They just get visual effects.”

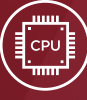





Jake Maymudes, CEO, Wyllie Co.



Watch Video

See how the ThinkStation P620 powers their creativity wherever they're working.

## ThinkStation P620 Specifications

-  **Processor**  
AMD Ryzen™ Threadripper™ PRO,  
(up to 64 cores, up to 4.5GHz)
-  **Graphics**  
Supports up to 2 powerful  
NVIDIA RTX™ A6000
-  **Memory**  
Up to 1TB DDR4 3200MHz ECC
-  **Storage**  
Up to 20TB of Storage
-  **Solid State Drive**  
Gen4 Support for PCIe Slots  
and M.2 Storage
-  **Thermals**  
Multi-channel Cooling



## Why Lenovo

Focused on a bold vision to deliver smarter technology for all, Lenovo is developing world-changing technologies that create a more inclusive, trustworthy, and sustainable digital society. By designing, engineering, and building the world's most complete portfolio of smart devices and infrastructure, we are also leading an Intelligent Transformation — to create better experiences and opportunities for millions of customers around the world.

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