

Demo Time for Chaos Group Means GoBOXX

Chaos Group is a leading provider of innovative rendering solutions for the media, entertainment, and design industries. For over a decade, their flagship rendering software, V-Ray®, has set the standard for speed, quality, reliability and ease of use, becoming the rendering engine of choice for many renowned international studios.

The Players

With more than 12 years of experience in 3D visualization, [Lon Grohs](#), Vice President of Business Development. A noted visualization expert, Lon is an in-demand speaker at industry conferences like SIGGRAPH, Vismasters, Mundos Digitales, and more. His work has been recognized with numerous awards and has been featured in industry publications like *3D World*, *Expose*, *Elemental*, *Architectural Record*, and *Fundamentals of Building Construction*.

[Konstantin Gaytandzhiev](#) is a Master V-Ray trainer at the company's Sofia, Bulgaria headquarters. A versatile and talented 3D artist with experience in several production studios, Konstantin is one of Chaos Group's leading artists, presenting product demos and training customers worldwide.



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[Sangho Jung](#) is a Chaos Group representative based in South Korea. With degrees in Mechanical Engineering and Animation, Jung has a wide range of experience working with several Korean CG studios and provides a thorough understanding of the 3D production pipeline. He delivers product presentations and technical support to the local market while also serving as a liaison with the company's Korean resellers.

The Challenge

Because Chaos Group participates in trade shows, events, customer meetings and training sessions all over the world, it is essential that they have powerful systems on hand to render as efficiently as possible. "For several years, we relied on renting or shipping large workstations in advance of an event," says Grohs, "but this proved to be a complicated, expensive, and sometimes

unreliable process. Switching to a mobile workstation provided us with the flexibility and confidence we needed, knowing the computer we were relying on was not lost in a warehouse somewhere waiting to be shipped. It also maximizes our ability to fine tune and adjust presentations on the actual hardware used in the demo. It's one less variable to worry about. The power, flexibility, and portability that GoBOXX provides are unparalleled and our team relies on GoBOXX mobile workstations wherever they go."

Their BOXX

When selecting their GOBOXX mobile workstations, Chaos Group went with the top of the line GOBOXX 2650 featuring an Intel Core i7 six core desktop level processor capable of speeds up to 3.46 GHz. Their models also include an NVIDIA Quadro 5000 graphics card, 12GB memory, and a 300GB solid state drive (SSD). The capabilities of this machine allow users to create outside of studio confines without ever sacrificing professional workstation performance. Chaos Group demo artists primarily use GoBOXX mobile workstations for all of their presentations, with Grohs enlisting his model for client presentations, trade show demos, customized training, and video editing.

"When performing simulations or demonstrating 3D rendering, speed and power are vital," says Grohs. "These calculations are pushing hardware to the limit, and during our live presentations we need to be able to render compelling images in a matter of minutes or even seconds. GoBOXX has been an amazing tool for this job."

Chaos Group is also amazed by the level of performance GoBOXX provides within

the mobile chassis. "It packs an incredible amount of computing power into a compact form factor," says Jung, "and the GoBOXX high performance multi-core processor and graphics card allows us to effectively demonstrate V-Ray RT, our stunning new real-time rendering technology." V-Ray, which follows the user's actions while working on a scene, is designed to improve and accelerate the artist's work in the texturing and lighting stage, automatically and progressively generating a photorealistic preview.

By having a GoBOXX at their disposal, Chaos Group demo artists are no longer forced to optimize or modify their scenes for live presentations—a practice which was far too common prior to mobile workstation's arrival. "Now we can use the same full-featured scenes used in production, says Gaytandzhiev. "This saves on preparation time and allows us to showcase relevant, real-world examples."

Chaos Group began using BOXX workstations several years ago, and have been satisfied customers ever since. In addition to the performance of their BOXX solutions, the company is equally enamored with BOXX customer service. "At Chaos Group, high quality service and customer support are critical," says Grohs, "and our experience working with the BOXX team has been a pleasure. They have been consistently responsive to our needs, and every BOXX representative we've encountered from sales through support has been personable, knowledgeable, and professional."



As they prepared for last year's SIGGRAPH, Chaos Group purchased a new BOXX desktop workstation, a multi GPU 3DBOXX 8550 XTREME, which only reinforced their appreciation for BOXX and a desire to continue to rely on BOXX solutions. "We're constantly exploring opportunities to improve image quality and increase rendering speed," says Grohs, "and BOXX workstations and mobile workstations are helping us deliver these breakthrough solutions."

Learn more about Chaos Group
www.chaosgroup.com

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