

Serbia will welcome the new 2022 with the so-called high-performance supercomputer worth about 1.7 million euros, which was delivered to the State Data Center in Kragujevac, and the vice president of Nvidia, the company that developed the technology, Kit Strayer, says that our country will have to educate domestic and foreign experts in the next decade. Strayer explains to Tanjug that there is no country in the world that has the necessary workforce for a supercomputer, but, he points out, critical for the sustainability of the economy, development of science, art and public administration for each country is that it has the most modern computer infrastructure.

“The supercomputer and the programs around it are becoming a magnet, a center of gravity to attract investment, talent, individuals, too, and a magnet to keep that talent in the country,” he says.

He adds that such an investment will keep experts in Serbia, create an environment for training at universities and attract talented individuals from other countries to startups.

“You can’t train the next generation for those skills without those machines. You may or may not have enough people today, but at least you have a platform to train the next generation. It doesn’t matter what you have today, the plan you make to build talent will lead. It’s as important as investing in a computer,” Strayer said.

The computer located in Kragujevac, he explains, is a combination of traditional technology that has been developing for more than half a century, and it also supports artificial intelligence, which, he says, is an innovation that has been current only for the last five years.

“When Serbia has this technology within its borders, then scientists, researchers, students, professors, entrepreneurs, government officials, artists can use this platform in many ways. There is no single case, there is literally infinite potential, to use it technology through every sector of the economy, every government ministry, in general, the world is discovering new ways every day to take advantage of artificial intelligence and high-performance computers,” he said.

He explains that the sound term “supercomputer” actually means a computer capable of performing complex mathematical operations in a short period of time, which, he adds, is the basis for scientific discoveries, innovations and development of new technologies, such as self-driving cars or modern animated film. There is no such efficiency, it may have taken 30 years of graphic processing.

This is about establishing a computer platform, a supercomputer that will allow us to master industrial and scientific problems, in ways that allow them to be solved in some cases in real time, and in others in seconds, minutes, hours, or in some cases in weeks, but, compared to a thousand years for an ordinary computer, which is practically impossible to do,” says Strayer.

He adds that the infrastructure provided by our country will make the Serbian economy

more resilient, because it will not depend 100 percent on external actors, since now, he explains, it has a supercomputer and is building human capital.

“Today, Serbia has all the possibilities to improve its program, with additional access to the global infrastructure that comes from other companies, which together really enables the highest resilience, but you need both and Serbia now has that,” Strayer concludes.