

Argentina to Host Most Powerful Supercomputer for Academic Research in Latin America

Argentina created a National Computing Center that provides high-performance computing resources to researchers across the country. In a joint program between Argentina's Minister of Science, Technology, and Innovation and Minister of Defense, Argentina will be home to the most powerful supercomputer in Latin America available to academic research. Housed in and managed by the data center for the Servicio Meteorológico Nacional (SMN). The Center's first deployment will be a 15.7 petaFLOPS system designed by Lenovo and built on Intel® Xeon® CPU Max Series with HBM and Intel® Data Center GPU Max Series. The system will provide computing to researchers across the country as well as to the entire Latin America and Caribbean region.

"The Intel Xeon Max series provided the best Performance for numerical weather forecast with no tweaking required, being at least 20 percent faster than other CPUs. For the GPUs, benchmarks using molecular dynamics software outperformed other choices, delivering an impressive number of TFLOPs per GPU."

Pablo Mininni, coordinator, Argentina National High-Performance Computing System of the Ministry of Science and Technology

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