



POLITÉCNICA

UNIVERSIDAD
POLITÉCNICA
DE MADRID



5X acceleration
in codes.¹

Universidad Politécnica de Madrid Deploys Magerit-3 for Advanced Research

The Universidad Politécnica de Madrid (UPM) needed next-generation supercomputer capabilities to support advanced research by computational scientists at the institution and associated research institutions in Spain. In 2004, UPM expanded resources available to researchers with the creation of the Centro de Supercomputación y Visualización de Madrid (CeSViMa) (Supercomputing and Visualization Center of Madrid), which offers High Performance Computing (HPC) and interactive visualization services using specialized software for engineering, energy, and the environment. Magerit-3, a 2,920-core supercomputer built on Lenovo ThinkSystem SD530s with Intel® Xeon® Scalable processors, was deployed and put into production. And according to the university, it provides nearly 183 teraFLOPS of supercomputing performance.

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Organization Size

1,001–5,000

Country

Spain

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¹ For more complete information about performance and benchmark results, visit <https://www.intel.com/content/www/us/en/customer-spotlight/stories/technical-university-of-madrid-customer-story.html>