

## [Intel and Barcelona Supercomputing Center announce Exascale R&D Lab](#)

Intel Corporation and the Barcelona Supercomputing Center (BSC) have signed a multi-year agreement to create the Intel and BSC Exascale Laboratory in Barcelona. The new lab will be located at the premises of BSC and focus on software and extraordinary levels of parallelism which will be needed to utilize future Intel-architecture based supercomputers. Exascale supercomputers will deliver up to 1,000 times the performance of today's fastest systems using as many as 100 million processor cores to do so.

Intel Corporation and the Barcelona Supercomputing Center (BSC) have signed a multi-year agreement to create the Intel and BSC Exascale Laboratory in Barcelona. The new lab will be located at the premises of BSC and focus on software and extraordinary levels of parallelism which will be needed to utilize future Intel-architecture based supercomputers. Exascale supercomputers will deliver up to 1,000 times the performance of today's fastest systems using as many as 100 million processor cores to do so.

[Press release in English](#) [Nota de prensa en castellano](#)

Barcelona Supercomputing Center - Centro Nacional de Supercomputación

---

**Source URL (retrieved on 12 Mar 2025 - 18:05):** <https://www.bsc.es/ca/news/bsc-news/intel-and-barcelona-supercomputing-center-announce-exascale-rd-lab>