MARCONI is the top-level Supercomputer installed at CINECA, available for Italian and European research community.

It is a Lenovo NeXtScale system based on Intel technology, with a final peak performance around 20PFlop/s.

Deployment of Marconi is starting mid-April, the complete delivery expected as autumn 2017.

The first part (2 PFlop/s conventional “Broadwell” based) is in full production as July 2016.

The second part (11 PFlop/s many-core “KnightLandings” based) is in full production as Jan 2017.

The third part (about 7 PFlop/s conventional “skylake” based) will be available starting from Aug 2017.

Press release (in Italian)

Press release (in English)

dependences:

- Marconi: gallery
- Marconi press release - English
- Marconi-A1 (BDW)
- Marconi-A2 (KNL)
- Marconi-A3 (SKL)
- How to Improve Code Vectorization
- Intel Omni-Path Fabric Performance Tuning

outgoing links: