

IBM AMD, AI-HPC

- AI , , HPC()

2025 8 27 , – IBM AMD HPC() (quantum-centric supercomputing) . IBM , AMD HPC AI .

. 0 1 , (qubit) . , , , (:)

IBM CEO (Arvind Krishna) “ . IBM AMD ” .

AMD (Lisa Su) CEO “HPC . IBM , ” .

CPU, GPU, HPC AI . , , AI .

IBM AMD AMD CPU, GPU, FPGA() IBM . IBM 2030 (fault-tolerant quantum computing) . AMD .

IBM AMD - , IBM (Qiskit) .

IBM . (RIKEN) IBM IBM (IBM Quantum System Two) (Fugaku) , (Cleveland Clinic), , .

AMD CPU GPU (Frontier) , (exascale) . AMD (EPYC™) CPU AMD (Instinct™) GPU (El Capitan) , AMD [1] . AMD CPU, GPU, AI .

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[1] TOP500 list . <https://top500.org/news/el-capitan-retains-top-spot-65th-top500-list-exascale-era-expands/>

<https://kr.newsroom.ibm.com/announcements?item=122822>