SUMMIT-THE SUPERCOMPUTER

Abstract:

We are witnessing for a tremendous increase of technologies in each seconds. Generally there is only one mother supercomputer and many sub supercomputers attached to the mother supercomputer. It is used for calculations at a speed of Nano seconds and was introduced in 1960s made by Seymour Cray. In 1970s few processors are used for the calculations, then to thousand processors later ten thousand of "off-the-shelf" processors are used. The US has unveiled the world's most powerful supercomputer called 'Summit', beating the previous record -holder China's Sunway Taihulight. The supercomputers are very useful in terms of scientific research and industrial field. This paper focusing about the architecture ,application of supercomputer and about the new launched Supercomputer-Summit.

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