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[\[Infotech\]\[Computer Science\] Taiwan Presents the First Super PC in the World Which Is Ten Times Efficient than the Traditional Super Computer](#)

[Infotech][Computer Science] Taiwan Presents the First Super PC in the World Which Is Ten Times Efficient than the Traditional Super Computer ([Chinese Version](#))

China Times E-paper, The Liberty Times E-paper & udn.com (2009/10/27) National Chiao Tung University, ASUS and NVIDIA together present the fastest personal super computer in the world, which is made possible mainly via the integration of high speed connectivity and parallel graphics computing techniques. The novel super PC, ASUS ESC1000, is ten times efficient than the present super computers, the computing capacity of the former reaching teraflops (one trillion floating point operations per second) while the latter staying around gigaflops (one million floating point operations per second).

NCTU President Chung-Yu WU points out, in the past, one stationary super computer can take up one room; now, it could be made in the size of a personal computer, which definitely makes itself a super breakthrough regarding the evolution of personal computer, and, moreover, scientists, engineers and scholars can conduct massive complicated computings in the labs or at home. NCTU now has introduced the strong equipment into the medical applications such as dynamic analysis of electromagnetic waves, and 3D animations or games.

ASUS says, the programs which used to take one month with the old super computers, only take a week with ESC1000. ESC1000 can simultaneously support four NVIDIA quadros, and its computer cores the best can reach 968, offering highly powerful calculation capacity for computing solutions. Its price is set at six hundred and eighty thousand NT dollars.

Reference:

[China Times E-paper 2009/10/27](#) (Chinese)

[The Liberty Times 2009/10/27](#) (Chinese)

[Udn.com 2009/10/27](#) (Chinese)

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