

Re: newest supercomputer

Source: <http://newsgroups.derkeiler.com/Archive/Comp/comp.sys.super/2006-01/msg00002.html>

- *From:* Randy <joe@xxxxxxxxxxxxxxxxxxx>
 - *Date:* Mon, 23 Jan 2006 13:21:48 -0600
-

hon123456 wrote:

> Dear all,
>
> Last night, I see the TV news reporting that a New
> supercomputer was developed (by IBM?) runing Linux. It is named like
> "??sea" . I cannot find the information in Web. Can u suggest me
> something about that, like the supercomputer's name and website? Thanks.

I'm not sure what machine you mean, but it's probably...

Blue Gene is IBM's product name for their latest supercomputer. The latest LINPACK number for the biggest Blue Gene/L system thus far is 280.6 teraflops, the fastest system in the world by a wide margin.

Blue Gene:

<http://www.research.ibm.com/bluegene/>
http://en.wikipedia.org/wiki/Blue_Gene

IBM's current system uses nodes with dual PowerPC 440 CPUs. The next system (Blue Gene/C) will use IBM's SIMD Cell processor as the CPU.

The Cell CPU:

<http://www.research.ibm.com/cell/>
<http://arstechnica.com/articles/paedia/cpu/cell-1.ars>

ASCI (Advanced Simulation and Computing Initiative) is the Defense department designation for the research/funding source that underwrote much of Blue Gene's development.

ASCI:

<http://www.llnl.gov/asci/>

Randy

--

Randy Crawford <http://www.ruf.rice.edu/~rand> rand AT rice DOT edu

.

Re: newest supercomputer

- **Follow-Ups:**
 - ◆ **Re: newest supercomputer**
 - ◇ *From:* sharan kalwani
 - ◆ **Re: newest supercomputer**
 - ◇ *From:* Eugene Miya

- **References:**
 - ◆ **newest supercomputer**
 - ◇ *From:* hon123456

- Prev by Date: **newest supercomputer**
- Next by Date: **Re: newest supercomputer**
- Previous by thread: **newest supercomputer**
- Next by thread: **Re: newest supercomputer**
- Index(es):
 - ◆ **Date**
 - ◆ **Thread**