SUSE powers majority of the Linux powered Supercomputers in the world.

Another NASA supercomputer with SUSE Linux Enterprise Server

NASA is getting its next **Supercomputer** from SGI , specifically a 20,480-core SGI Altix ICE system, for those of you thinking of maybe getting one for the family. As you might have guessed, it will run **SUSE Linux Enterprise Server** from Novell.

NASA's new supercomputer will be one of the largest SGI Altix ICE systems ever deployed, joining the State of New Mexico's Encanto, **a 14,336-core SGI Altix ICE system which is currently ranked as the third most powerful supercomputer in the world**. And yes, it also runs **SUSE Linux Enterprise Server.**

Sources: http://www.sgi.com/company_info/newsroom/press_releases/2008/may/nasa.html
http://lxer.com/module/newswire/view/74777/index.html http://www.novell.com/prblogs/?p=467

See the Harvard university blog

Linux supercomputers

The latest list of the largest 500 supercomputer has been released. More than three quarters (77.8%) run Linux and seven of the ten largest run SUSE Linux:

http://blogs.law.harvard.edu/cqtwo/2007/07/17/linux-supercomputers/
http://www.top500.org/stats/list/30/os

SUSE To Power Fastest U.S. Supercomputer

Cray has chosen SUSE Linux to play a key role in helping the supercomputer maker build a massive parallel-processing supercomputer for the U.S. Department of Energy.

SUSE was a natural choice for Cray in this project because "we've been working with Opteron 64-bit for three years," SUSE marketing vice president Joseph Eckert told NewsFactor.

"We started working with AMD before there was [an Opteron] chip," he said. "**We were the only operating system at [the chip's] launch -- of any type -- available on 64-bit."**

Source: http://www.newsfactor.com/perl/story/21799.html

MareNostrum, the World's Most Gorgeous Super-Computer

This is the 9th biggest supercomputer in the world, MareNostrum. It also happens to be the most gorgeous supercomputer in the world, installed in a former chapel with acres of glass and steel. It belongs to the Barcelona Supercomputing Center and is polished daily by hundreds of groveling grad students. **It has 10,240 CPUs, 20TB of RAM, 280TB of disk storage and runs on SUSE Linux**. It

by Muhammad Sharfuddin for NDS Technologies Pvt Ltd

can compute at 62.63 teraflops, with a peak performance of 94.21 teraflops, making it the most powerful computer in Europe

Source: http://gizmodo.com/gadgets/heavy-metal/marenostrum-the-worlds-most-gorgeous-super+computer-293608.php