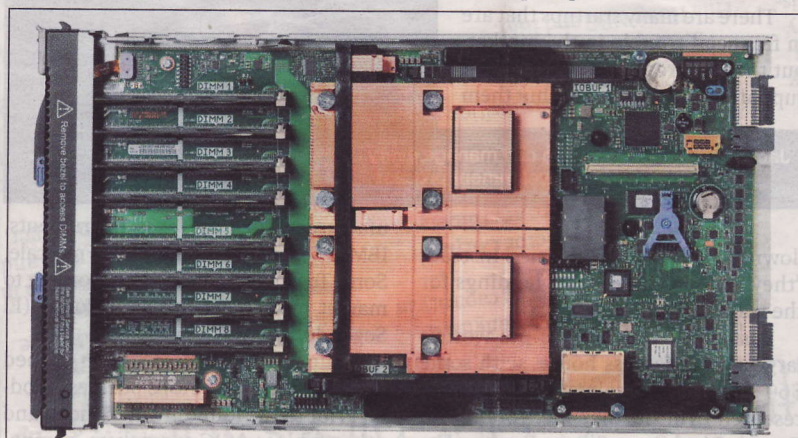


system can model 40 years of change in a day.

"Getting applications to scale is our

cations on test systems as part of its Pleiades evaluation.

"In the past, processors like IBM's Pow-



IBM puts two of its modified 65-nm Cell processors on a 250-W board and uses two of the boards in each of the 3,240 nodes of the Roadrunner supercomputer it has built for Los Alamos National Laboratory.

biggest challenge," he said, looking ahead to his 100,000-core petaflops system.

Thus Oak Ridge

er and Intel's Itanium ran our codes best," Thigpen said. "It wasn't until we