

Get ready for a revolutionary leap in discovery and innovation for the world's leading researchers



1997: THE FIRST INTEL® TERAFL0P COMPUTER

consisted of:

**9,298** INTEL PROCESSORS

and occupied:

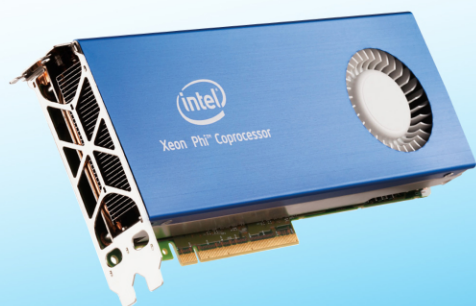
**72** SERVER CABINETS

THE INTEL® XEON PHI™ COPROCESSOR will provide:

**1** TERAFL0P OF PERFORMANCE

and occupy:

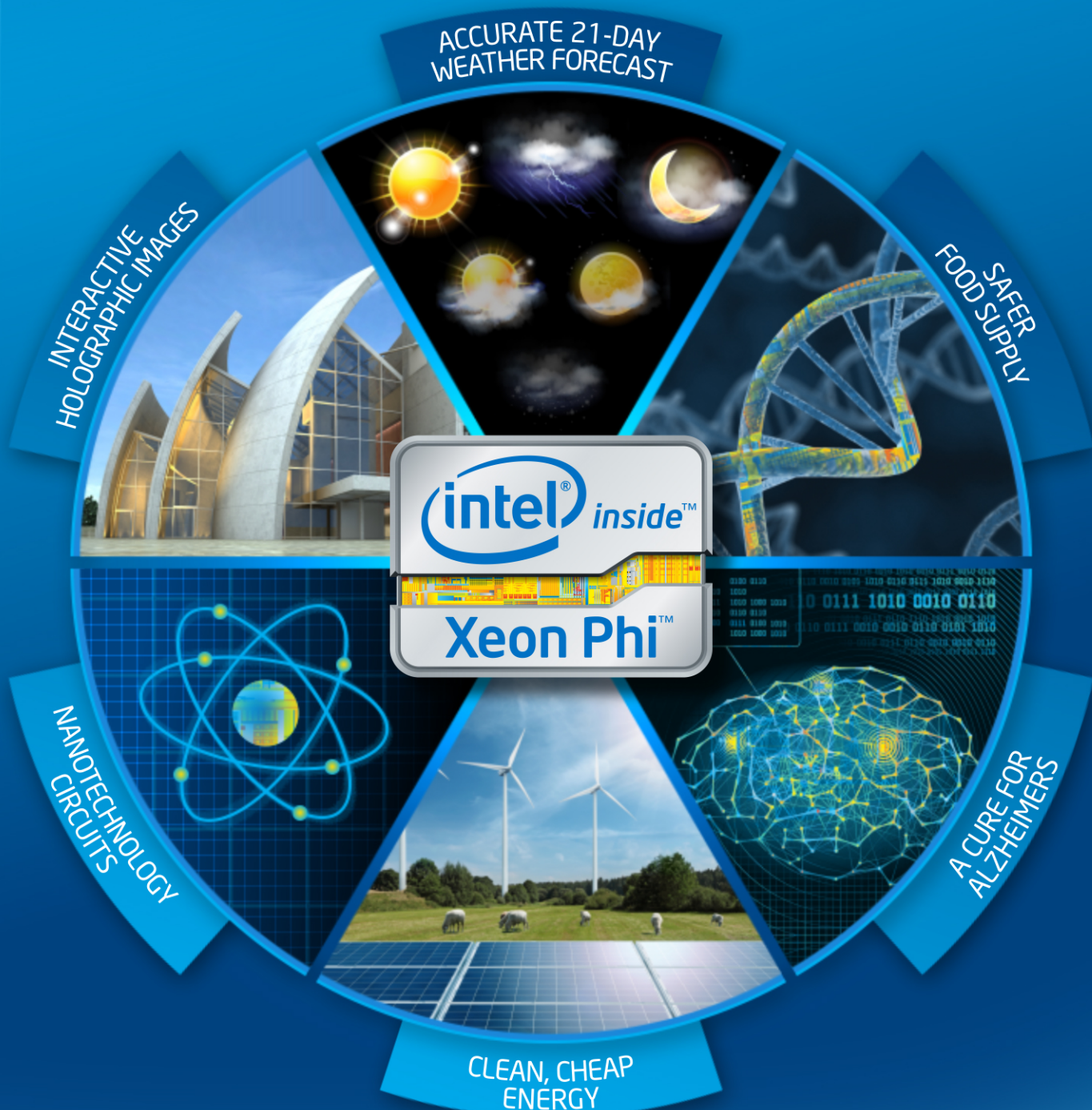
**1** PCIe SLOT



## The upcoming era of amazing DISCOVERY AND INNOVATION

Many important scientific and research tasks can greatly benefit from massively parallel processing.

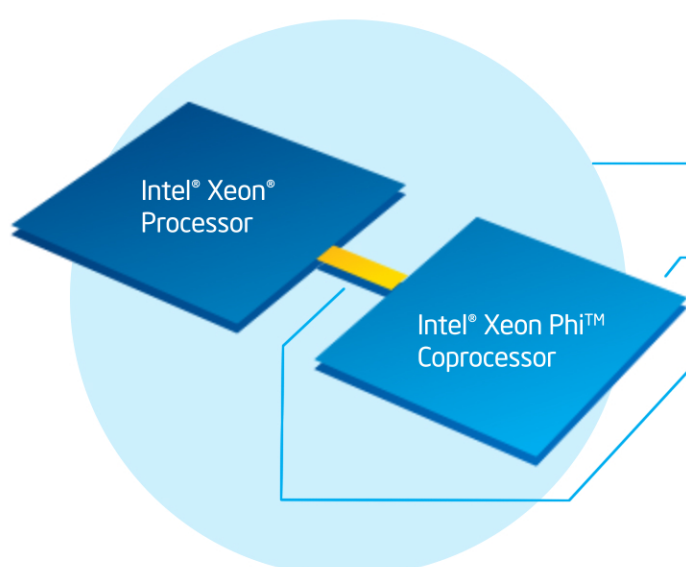
*What breakthrough discovery and innovation might we see over the next decade?*



These are just a few examples of breakthrough DISCOVERY AND INNOVATION we might see over the next decade as a result of the quantum leap in compute power enabled by Intel® Xeon Phi™ coprocessors.

## THE INTEL® XEON PHI™ COPROCESSOR

Designed to provide highly parallel processing to power breakthroughs without overhauling applications or code



**100% INTEL**

Intel® Many Integrated Core Architecture

Works synergistically with Intel® Xeon® Processor

Unparalleled productivity and discovery

## DEVELOPERS

Get ready today. We can help.

- Start with your existing Intel® processor-based code
- Use our tools to optimize parallelism
- Designed so your work can move forward with discovery, not backwards with proprietary programming languages



Stay tuned... [www.intel.com/hpc](http://www.intel.com/hpc)