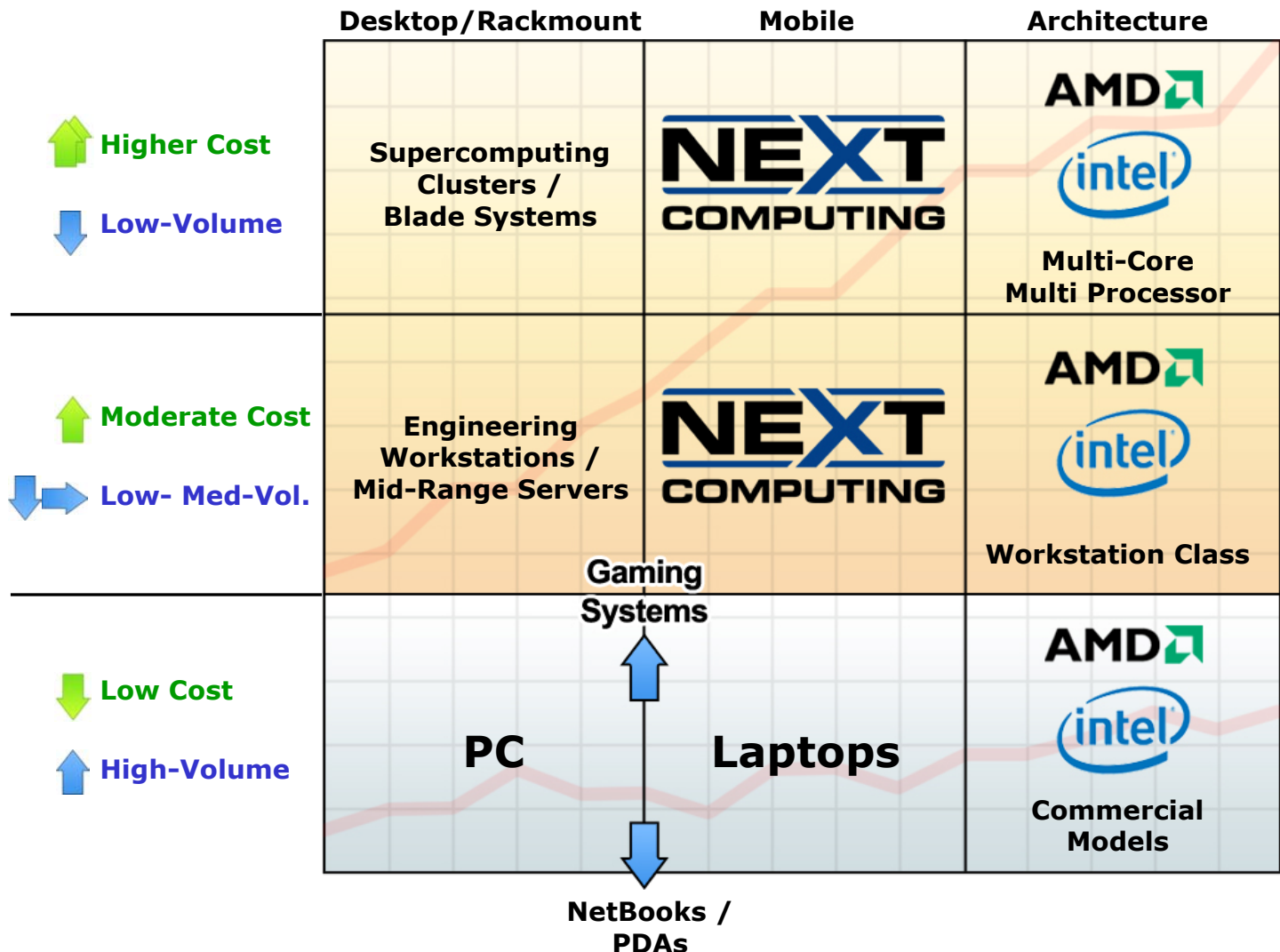


## The NextComputing Market Position

### Megatrends

- Multi-core processing
- 64-bit, large memory and storage addressing
- Multiple operating systems
- Coprocessors (GPU/FPGA)
- Open standards (PCI Express)



# **High-Performance Computing Industry Trends**

## **Processor Trends**

The most common high-performance processors were once proprietary models from system makers such as *SUN/SPARC*, *Motorola/IBM Power PC*.

Today, trends have moved towards open standards models—multi-core *Intel X86+*, and *AMD X86+* workstation and server class processors and chipsets—allowing for greater flexibility in creating a system to meet your needs.

## **System Trends**

The earliest high-performance computers themselves were proprietary boxes from *SUN/SPARC*, *Apple/IBM Power PC*, which limited choices.

Today's open standards high-performance systems come from high-end workstation/server providers such as *HP* or *Dell*, as well as new, more flexible offerings from *IBM* and *SUN*. This has also paved the way for new technologies such as *64-bit architectures*, *OS virtualization*, and *multi-drive storage models*.

## **NextComputing Megatrends**

Open-standards flexibility is only one of the advantages found in systems from NextComputing. Our high-performance mobile platforms also integrate important industry advancements such as *multi-core processing*, *64-bit large memory and storage addressing*, *support for multiple operating systems*, and *the latest coprocessors (GPU/FPGA)*.

NextComputing stands alone by providing big-box workstation & server functionality in a small, lightweight, modular footprint for corporate & government end users, OEMS, and application specific appliance solution providers.