

# 2009 Computer Semiconductors

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Semiconductor Applications Markets – Worldwide



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## Abstract

Databeans predicts that the computer sector will remain the largest single consumption market for semiconductor components in 2009 with 29 percent of the overall market share. This is despite particularly weak demand in the computer industry, combined with the limited availability of credit, for both businesses and consumers alike, which will drive down worldwide revenue an estimated 21 percent from \$75 billion in 2008 to \$59 billion in 2009.

The market is expected to rebound in 2010 and experience solid average growth over the next five years of over 11 percent annually due to a recovering global economy which will improve PC replacement rates. Wireless communications and consumer markets are predicted to continue to outpace the computer sector due to greater end-product demand from consumers.

Consumption of semiconductors is largely driven by the computer market due to the numerous devices needed in each product. Microprocessors currently comprise the largest product segment with \$21 billion in sales or 36 percent of the market, followed by memory with \$16 billion in sales. Memory, due to reduced pricing of Flash and DRAM and functional displacing the hard drive in many designs in the future, is expected to experience the market's best overall growth rates of 17 percent over the next five years which will cause it to overtake MPUs and reach \$35 billion by 2014. Logic is the third largest product segment.

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