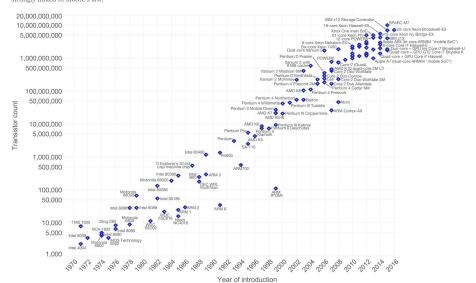
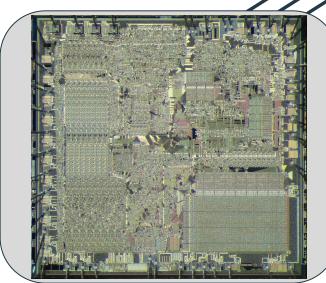
Intel and Advanced Micro Devices:

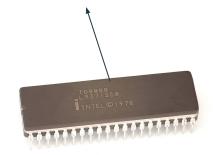
Competition in the Market of Consumer Central Processing Units

Moore's Law – The number of transistors on integrated circuit chips (1971-2016) Our World

Moore's law describes the empirical regularity that the number of transistors on integrated circuits doubles approximately every two years. This advancement is important as other aspects of technological progress — such as processing speed or the price of electronic products — are strongly linked to Moore's law.

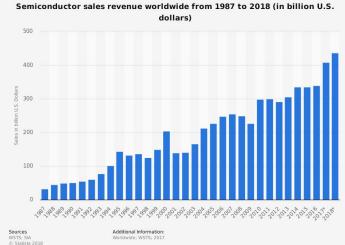






Data source: Wikipedia (https://en.wikipedia.org/wiki/Transistor_count)
The data visualization is available at OurWorldinData.org. There you find more visualizations and research on this topic

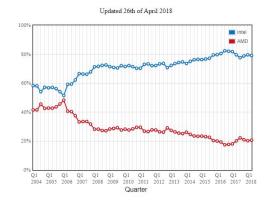
Licensed under CC-BY-SA by the author Max Roser.

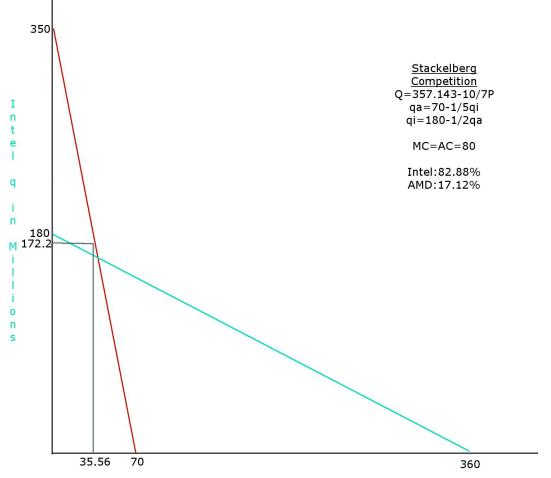




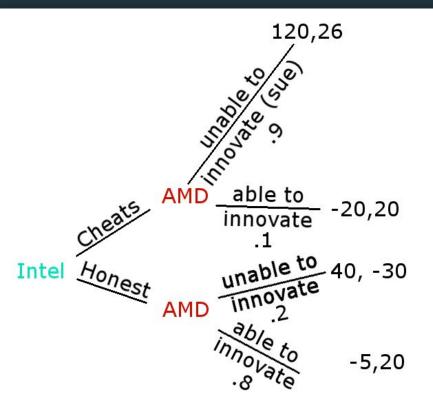
Intel vs. AMD CPU Market Share

Based on user-submitted benchmarks to cpubenchmark.net, not a representation of full market





AMD q in Millions



Intel Cheats: 106=120*.9-20*.1 Intel Honest: 4=40*.2-5*.8

Intel will always cheat

X=Intel
Payoff
Y=AMD
Payoff

		AMD	
	No Rebate	Low Rebate	High Rebate
Low R e b a t e	X*.75, Y	X,Y/2	X*2, Y
High R e b a t e	X,Y	X,Z	X, Y-500
	Rebate High Rebat	Low R e X*.75, Y t e High R e b a t	Low R e X*.75, Y X,Y/2 high R e b X,Y X,Z a t

Z: if(Y=positive) -> Y*0.75 if(Y=negative) -> Y*1.5

> Diminished Gains, Riskier Loses

PC Manufacturers

3	,					
		Don't take Rebates	Collude not to take rebates	Take Rebates		
Intel	Normal Rebates	0,-100	0,-5	20,20		
	Consequential Rebates	0,-250	-50,2	1000, 5		