



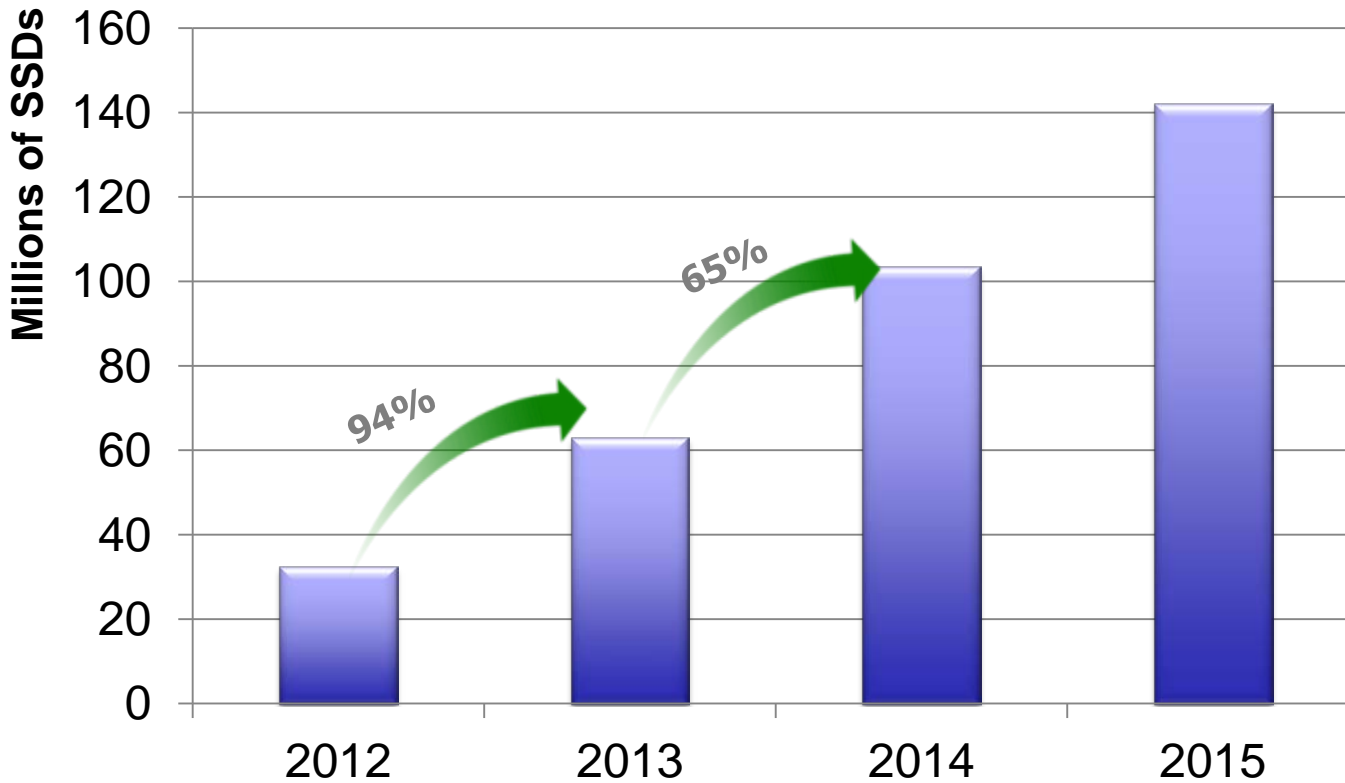
3-bit SSDs in the Consumer Marketplace

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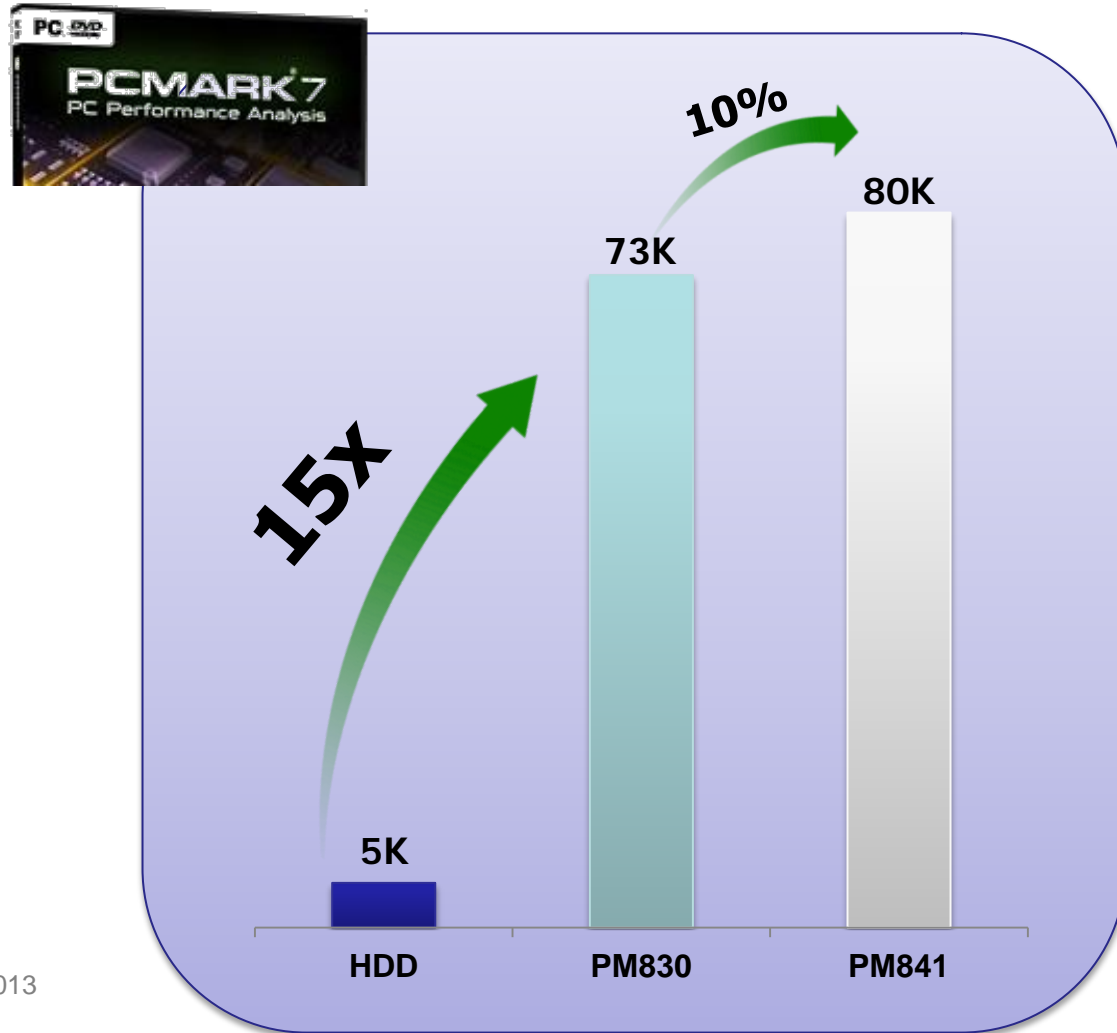
Demand for SSDs continues to climb

Total PC SSDs



Source : Gartner Q2 2013

3-bit SSDs deliver a better user experience



3-bit SSD lifetime is more than enough



40GB/day



2-bit
MLC

47+
Years

3-bit
MLC

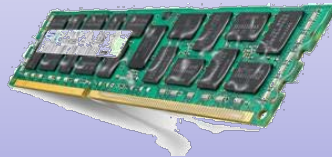
13+
Years

13 years ago...

20GB HDD



256MB RAM

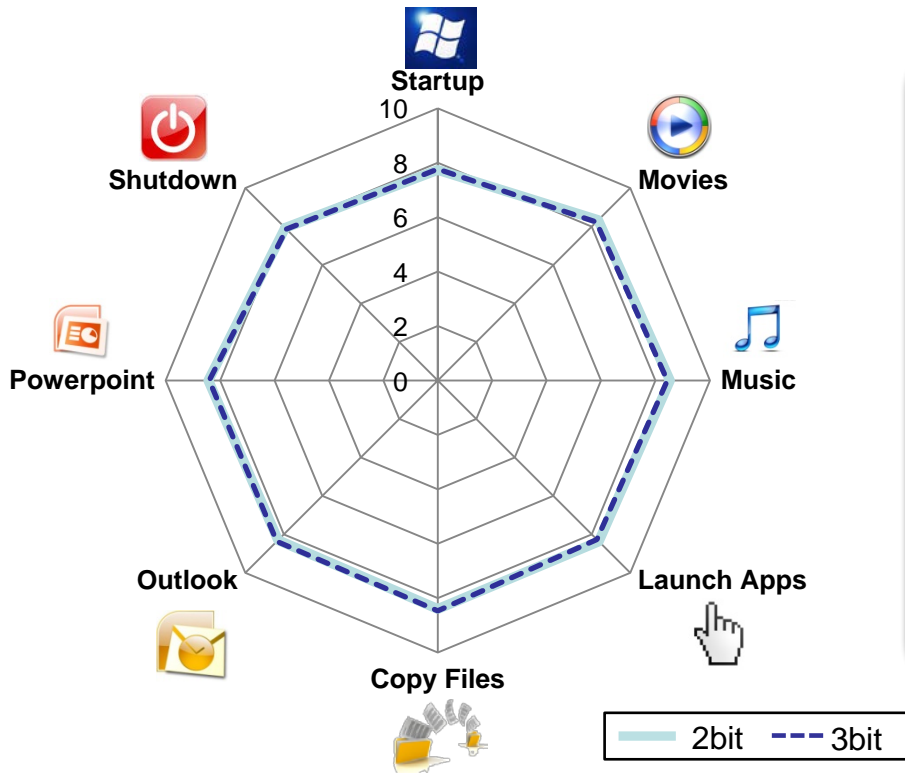


56K V.92 Modem



3-bit vs 2-bit: Similar user experience

User Satisfaction on Notebook



End User Findings

- Overall perception showed no difference to the user experience
- Many were unsure if any perceived difference was actually there
- When differences were noted, they were described as “a millisecond faster”

Avg Scores for three different corporate notebooks, 20 participants



How are 3-bit SSDs doing so far?

Retail Sales of 3-bit SSDs

2,524,699

Samsung 3-bit SSDs

Over 20% of worldwide after-market

SSD vs. HDD – True Cost Analysis



\$170 Cost



\$55 Cost

30 seconds saved per hour

Save \$25/month, \$300/year

\$900 saved over 3 years

5 month break-even point

\$50K/yr salaried employee
6 hours on computer/day