

Leverage TLC Technology to advance your corporate environment

Eyal Bek SanDisk



Forward-Looking Statements

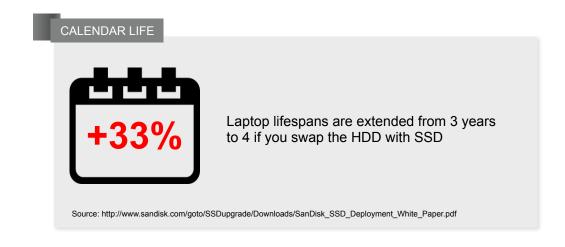
- During our meeting today we may make forward-looking statements.
- Any statement that refers to expectations, projections or other characterizations of future events or circumstances is a forward-looking statement, including those relating to market growth, industry trends, supply growth, future memory technology and future product launches
- This presentation contains information from third parties, which reflect their projections as of the date of issuance.
- Actual results may differ materially from those expressed in these forward-looking statements due to a number of risks and uncertainties, including the factors detailed under the caption "Risk Factors" and elsewhere in the documents we file from time to time with the SEC, including our annual and quarterly reports.
- We undertake no obligation to update these forward-looking statements, which speak only as of the date hereof.

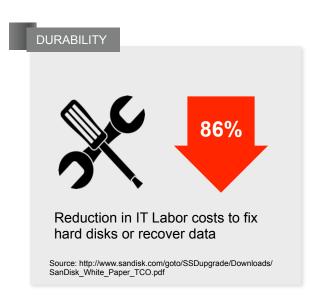




Memory Flash Is Transforming IT

Source: http://www.sandisk.com/goto/SSDupgrade/Downloads/SanDisk White Paper TCO.pdf

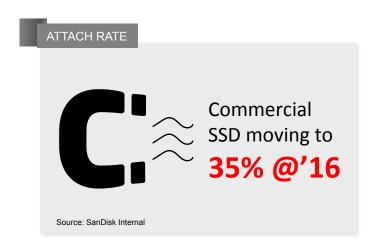


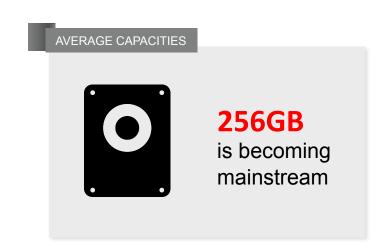


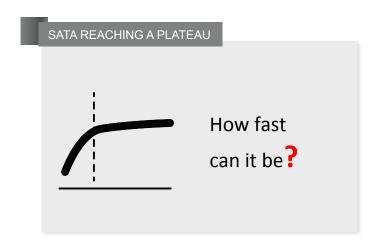




Flash Memory Client SATA SSD Market Dynamics



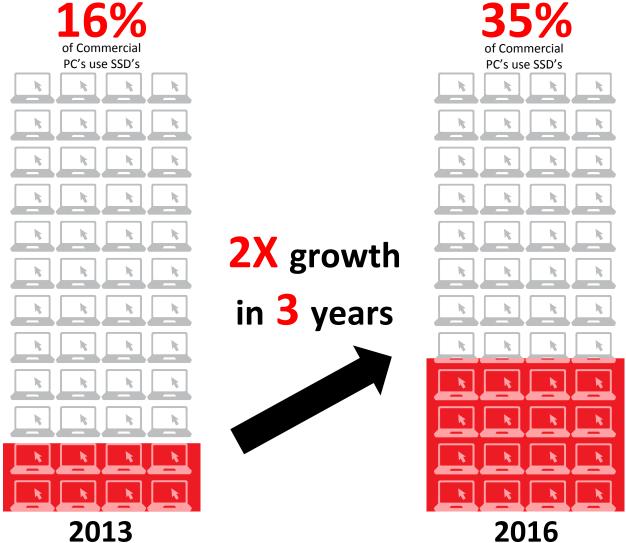








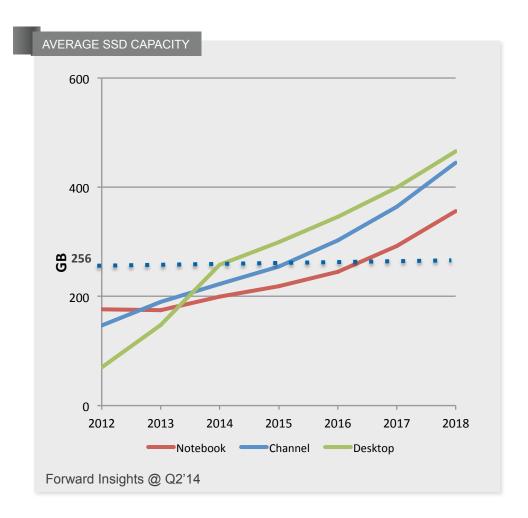
Attach Rate – Bigger Than You Think...

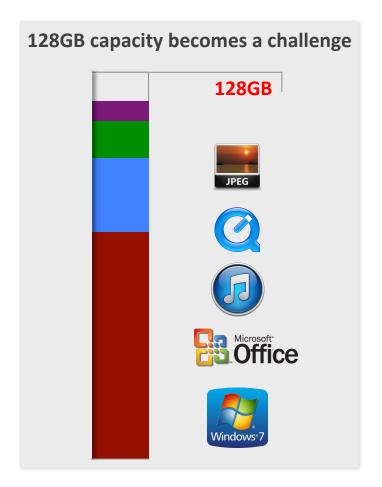


Source: SanDisk Internal



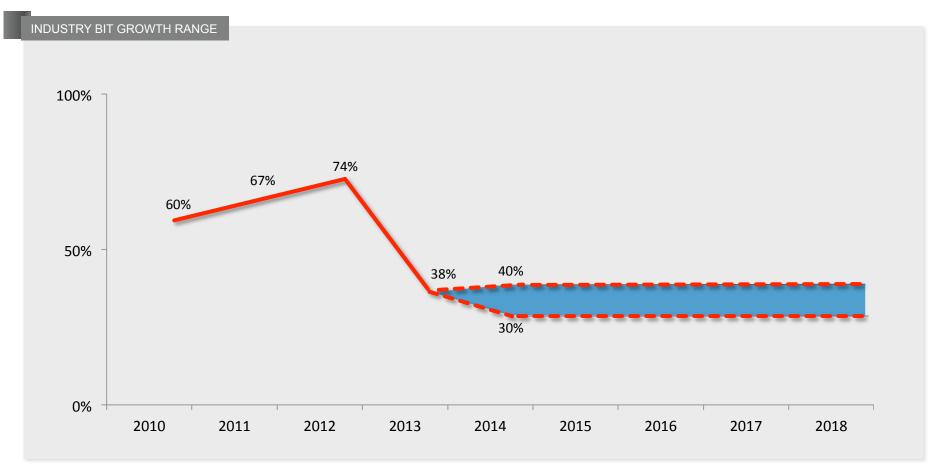
More SSD 256GB Are Sold Than 128GB







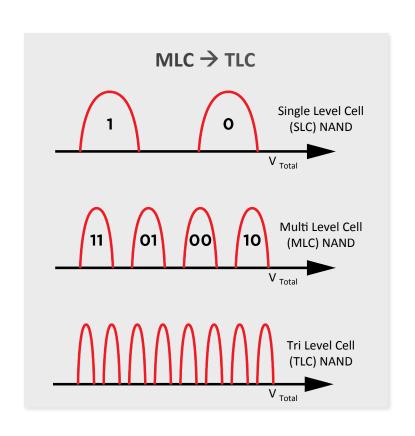
Expecting Modest Industry Bit Growth

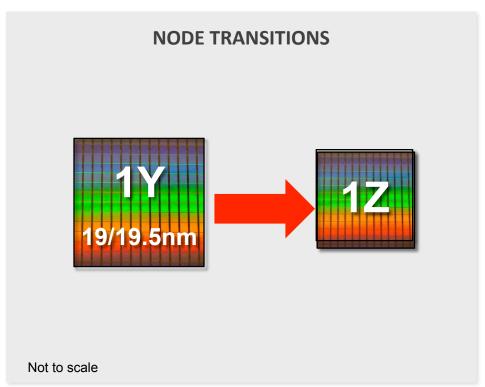


Source: SanDisk estimate



Means of Maximizing Bit Supply



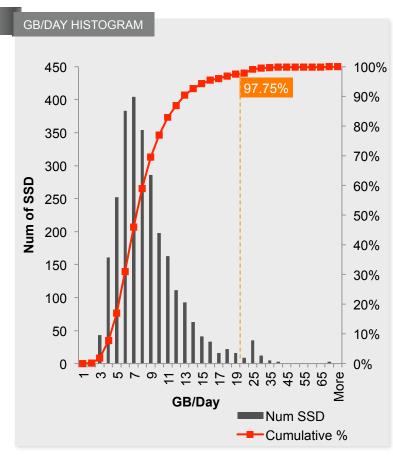




SATA 6Gbs SSDs Are Reaching A Plateau

At any scenario and at the corporate/user workload





Results based on SanDisk internal testing. (i7-8GB DRAM)

Source: SanDisk Internal SSD Deployment



Next Wave Of Computing SSD



Maximize Supply



Consistent User Experience

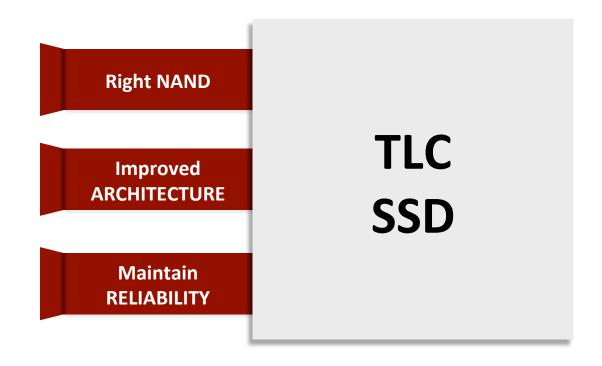


Available to all

What are the critical elements we need in order to enable this?

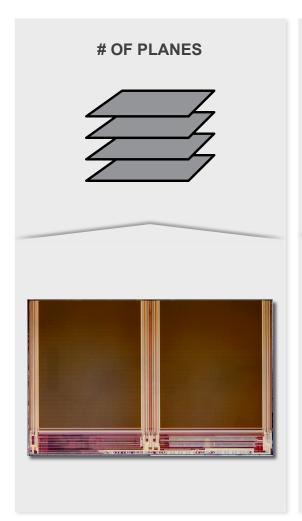


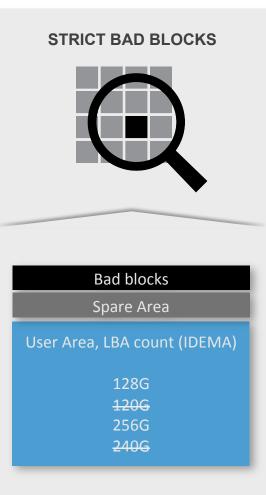
Bringing TLC SSD In Corporate

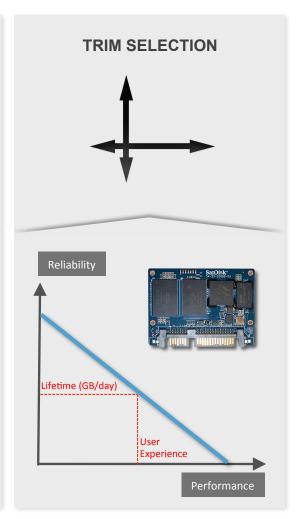




Picking Up The Right NAND

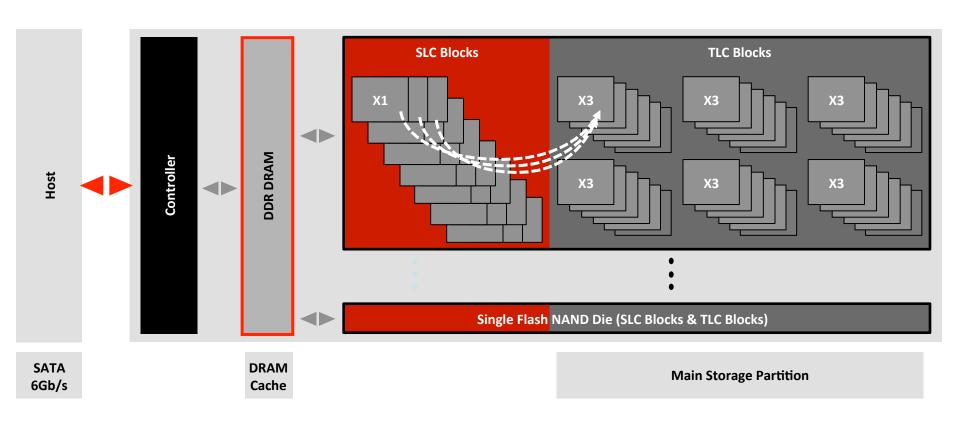






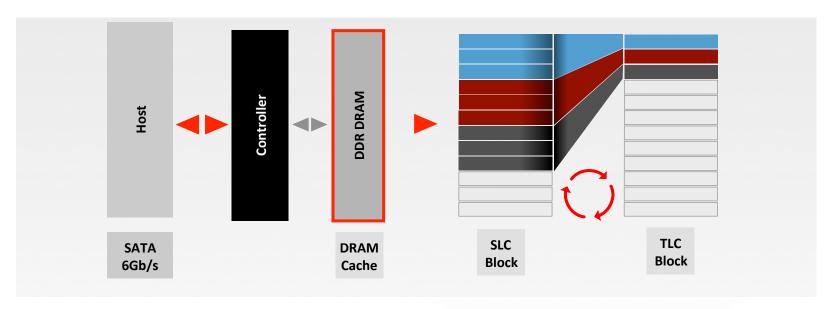


Flash Memory Architecture Of Tiered Caching



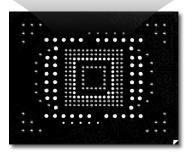


New 'DMA' Like Folding Mechanism



On Chip Copy allows efficient folding

- Minimal overhead
- Copy is done with minimal controller intervention





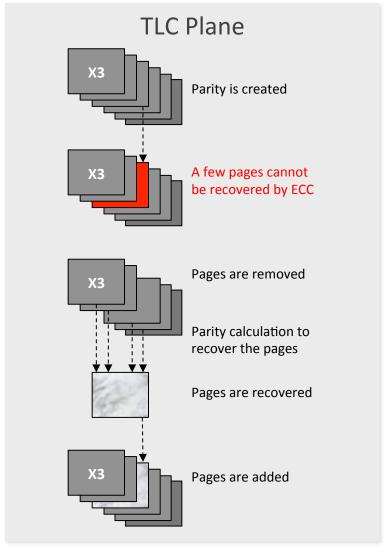
Maintain Reliability

Striping with distributed parity providing a last line of data protection



Benefits

- Minimal performance impact HW engine
- Higher Reliability
- No user capacity loss





Wrap Up

