

MKW Ventures Consulting, LLC

Overview

Mark Webb

Q3 2025

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Confidential: Not for distribution

Experience

- Mark K Webb is Principal of MKW Ventures Consulting LLC
- 23 Years at Intel Corporation and IM Flash Joint Venture with Micron
 - Fab Manufacturing, System Manufacturing, Device Engineering, Product Engineering, Q&R Engineering. Flash, Logic, Communication technologies
 - Most recent: Manufacturing Director for Intel NVM solutions Group, Product Engineering Manager for IM Flash JV reporting to Senior VP/Corporate Officer
- Left Intel in July 2012, Started consulting business
- Focus on Business development for Memory/Storage and Memory technologies
 - NAND/DRAM cost, New NVM cost and product roadmaps
 - TSMC vs Intel Foundry, Samsung Foundry. Can Intel be successful in IDM2.0
- Clients have been OEMs/ODMs, Memory Companies, Storage/HDD companies, Industry Analysts, Sell and Buy side analysts
- Industry Contacts (monthly contact/exchanges) include
 - Senior Engineers and managers at multiple Memory manufacturers, Storage companies
 - Engineers and Managers at Logic manufacturers, Technology Companies, hyperscalers
 - Leading memory/SSD/Semiconductor industry consultants and analysts
- Mark's Experience and knowledge of Memory and Fab technologies is industry leading.

Q3 2025 Focus Areas

- NAND and DRAM costs and technology. Industry recognized expert
- AI impact on DRAM and memory Markets. Cost and volume for HBM and growth forecast
 - HBM market and downturn predictions
 - Why is Hynix winning ? Will Samsung turn it around?
- Logic (IDM and foundry) and Memory Fab wafer and unit costs
 - SOC costs, pricing, technology node roadmaps
 - Intel vs TSMC costs, 3nm vs 5nm and future 2nm costs
 - Who will win 2025 GAA technology ramp
- Intel re-organization and strategy, What the changes are
 - Future Intel Scenarios under new CEO
 - Why foundry doesn't work, What Intel will do, how to move away from foundry
 - When will Intel be a successful company again and how

2025 Reports/Analysis

- NAND/DRAM Market
 - Current and modeled costs over time for industry and major suppliers
 - Wafer, assembly, test cost breakout
 - Quantitative Impact of different quality levels, screening, ECC/overprovisioning
- New NVM Memories/Emerging Memory
 - Industry leading info on MRAM, ReRam, FERAM
- AI Memory: HBM impact, graphics memory, SSD vs HDD needs. Volume over time
 - HBM volume, technologies, AI server share, Non-AI server impact
- Intel Foundry Business, Strategies and data
 - Fab start up costs, depreciation models, fixed and variable costs
 - Timing for Intel and Scenarios for new fabs and spinoffs
 - How “IBM2.0” will end up

Potential Opportunities

- Who is the low cost producer on DRAM, NAND, new NVM
- When will HBM memory be more than 20% of DRAM bits
- How does Apple manage supply chain?
- Why is Nvidia always “lucky” and Intel “unlucky”
- What makes AMD successful or not in taking share from Intel
- Is TSMC, Samsung, or Intel the leader in logic technology... why?
- Who are the winners and losers in this new AI ecosystem? How much Impact will AI servers have.
- What will Intel look like in 5 years