

G2M Research Presentation

Flash Memory Summit 2019

Wednesday August 8, 2019

Highlights: 2019 NVMe™ Ecosystem Snapshot

NVMe has become the dominant interface for Enterprise SSDs



Every major All-Flash Array (AFA) company now offers NVMe and/or NVMe-oF based AFAs



NVMe AFA companies up by 55%, and NVMe AFA models/series up by 48%

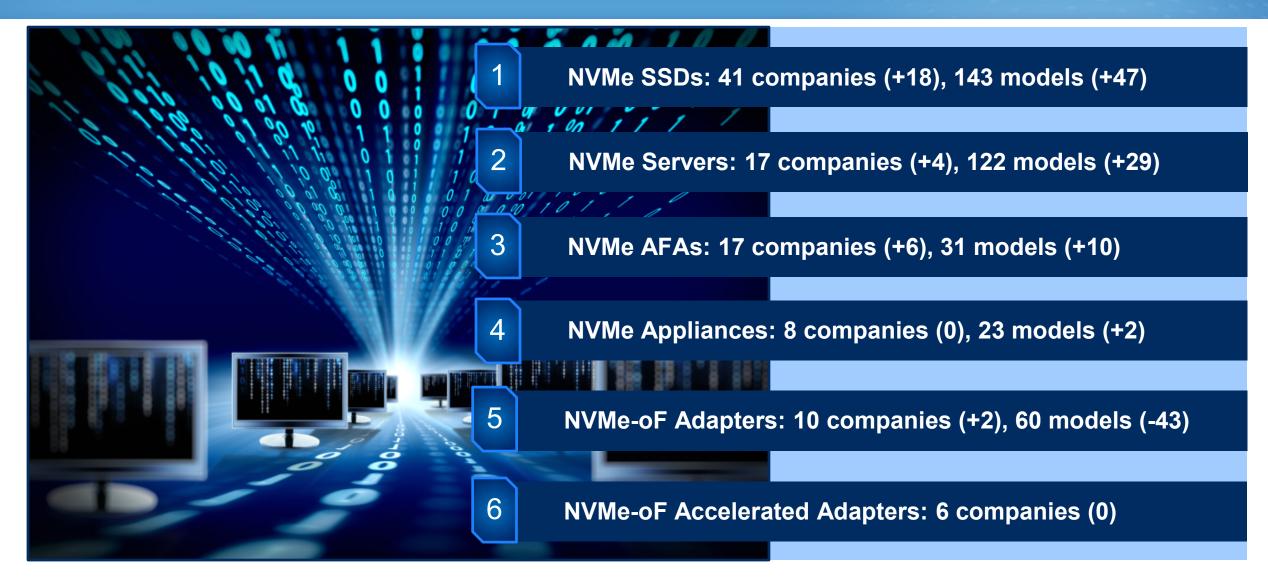


The # of NVMe-oF adapter models has DECREASED by 42% since the spring of 2018 (model consolidation)





NVMe Market Size and Health – 2019 (vs Spring 2018)





G2M Research Predictions for NVMe and NVMe-oF

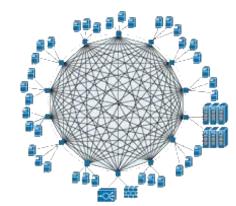
- **NVMe SSDs Gain Ubiquity in New AFA/SOFS Deployments** in Next 2-4 Years
 - Cloud, Enterprise, and Gaming Markets
 - SATA SSDs for HDD replacement, legacy AFAs
- NVMe over Fabric (NVMe-oF) eventually becomes leading transport for AFAs, SOFS
 - NVMe-oF AFAs from major players paces adoption
 - Ethernet will be the predominant NVMe-oF fabric
 - NVMe-oRoCE vs NVMe/TCP?
 - Standard NICs/RNICs vs FPGA/SoC?
- NVMe SSDs will migrate away from HDD "shapes"
 - M.2, EDSFF will start to eat into U.2 market share next year (2020)





Samsung

















About G2M Research (In Booth 655 Next to FMS Theatre)

- Market Research and Analyst Firm Focusing on Emerging Markets
- Market Focus Areas:
 - Enterprise Storage Market
 - Endpoint Security Market
- We hold multi-vendor webinars on a monthly basis
 - Sign up for upcoming webinars and view recordings of already-held webinars here
- We publish two monthly newsletters:
 - Enterprise Storage Market Pulse Newsletter
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