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Direct Load/Store Access

Native Persistence

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Hardware Encryption

High Reliability

Now shipping samples
broad developer engagement
Technology and Architecture and Latency

Technology and Architecture shifts “Closer to the processor” trend

Drive latency
Controller latency
Software latency

Really Close to Zero!*”

*illustrative purposes only – not measured or part of referenced paper
### Technology and Architecture and Latency

|                | 0    | 25   | 50   | 75   | 100  | 125  | 150  | 175  | 200  | 225  | 250  | 275  | 300  | 325  | 350  | 375  | 400  | 425  | 450  | 475  | 500  | 525  | 550  | 575  | 600  | 625  | 650  | 675  | 700  | 725  | 750  | 775  | 800  | 825  | 850  | 875  | 900  | 925  | 950  | 975  | 1000 |
|----------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Drive latency  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| Controller latency |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| Software latency |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |

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Technology and Architecture shifts "Closer to the processor" trend

So how do you use it? (Use your imagination...)

A really BIG memory

Memory I/O optimized applications

Crazy fast memory storage

/mount -t ludicrous_drive
Availability Targeted Support

Sampling today, revenue delivery in 2018
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