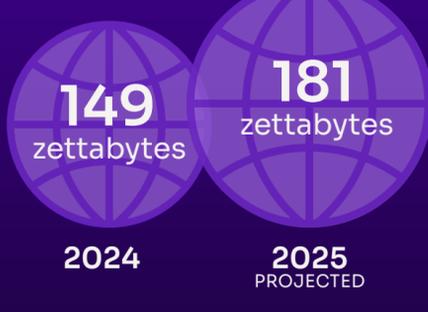


Data Growth Demands Smarter SSD Solutions

GLOBAL DATA PRODUCTION

Global volume of data created, captured, copied, and consumed.



PUTTING MORE ENTERPRISE DATA TO USE



...80 percent of data is in cold storage... imagine a world in the not-too-distant future where data moves to warm and hot tiers, constantly in circulation,...

–MICHAEL DELL | May '25

DATA DILEMMA



As data volume increases, storage becomes a growing challenge in terms of

- Performance
- Efficiency
- Cost-effectiveness



Built on a foundation of NAND innovation, the **Solidigm™ D5-P5336** addresses those challenges by delivering industry-leading SSD storage efficiency and density.

D5-P5336 122TB PERFORMANCE

Massive Capacities Lead to Massive TCO Savings



Metric	Hard Drive	Solidigm™ D5-P5336	Comparison
CAPACITY	30TB	122TB	4X Capacity
FOOTPRINT	376cm ³	105cm ³	72% Smaller
SEQUENTIAL READ THROUGHPUT	~275MB/s	7,000MB/s	25X Higher
RANDOM READ THROUGHPUT	~170MB/s	760,000MB/s	4470X Higher



Comparing the Solidigm D5-P5336 122.88TB U.2 SSD to 30TB 3.5” HDD random read IOPS specifications



Comparison between a Solidigm D5-P5336 122.88TB-based solution and a hybrid solution featuring TLC-based performance tier supporting 30TB HDDs. Power consumption analysis based on a green field (new) entry-range hyper-scaler / Tier 2 AI data center implementation with 50MW of available power and 16PB of NAS per GPU rack.

Deploy with Confidence

FIRST to market with a 122.88TB SSD

FOURTH generation QLC technology

120+ EB shipped worldwide

Solidigm sets the standard for capacity, innovation, and performance at scale.

FORM FACTOR	CAPACITY	GENERIC	OPAL	FIPS
U.2 15mm 	30.72TB	SBFPF2BV307T001 ASI SKU 278608	SBFPF2BV307TOP1 ASI SKU 278613	SBFPF2BV307TOF1 ASI SKU N/A
	61.44TB	SBFPF2BV614T001 ASI SKU 278609	SBFPF2BV614TOP1 ASI SKU 278614	SBFPF2BV614TOF1 ASI SKU 296892
	122.88TB	SBFPF2BV0P12001 ASI SKU 295710	SBFPF2BV0P12OP1 ASI SKU 295711	SBFPF2BV0P12OF1 ASI SKU 295712
E1.L 9.5mm 	30.72TB	SBFPFWBV307T001 ASI SKU 276192	N/A	SBFPFWBV307TOF1 ASI SKU 276194
	61.44TB	SBFPFWBV614T001 ASI SKU 278605	N/A	SBFPFWBV614TOF1 ASI SKU 292071
	122.88TB	SBFPFWBV0P12001 ASI SKU 295713	N/A	SBFPFWBV0P12OF1 ASI SKU 295714
E3.S 7.5mm 	30.72TB	SBFPFABV307T001 ASI SKU 295369	SBFPFABV307TOP1 ASI SKU 295370	SBFPFABV307TOF1 ASI SKU N/A