

DPU Panel - Pliops

SDC Sep 2021

Mission

To massively accelerate performance and dramatically lower infrastructure costs for relational databases, NoSQL, in-memory databases, analytics, AI/ML, 5G, IoT, and other data intensive applications.

Team

Experts in database, flash storage, and semiconductors from industry leaders including Samsung, Intel, Kioxia, Amazon, Microsoft, VMware, Dell/EMC, Western Digital, Fusion-io, HPE, Apple, Nvidia, Cisco and Lenovo

Strategic Investors



Industry Recognition

2021: CRN Top 10 Cool Tech Companies that Raised Funding in February

2021: Enterprise Storage Forum Top Computational Storage Companies

2020: Most Innovative Flash Memory Enterprise Business Application Product

2020: CRN Top 10 Hottest Semiconductor Startup

2019: Most Innovative Flash Memory Startup



Pliops Extreme Data Processor



Performance

3-15x



Reliability

DFP 2x > RAID 0



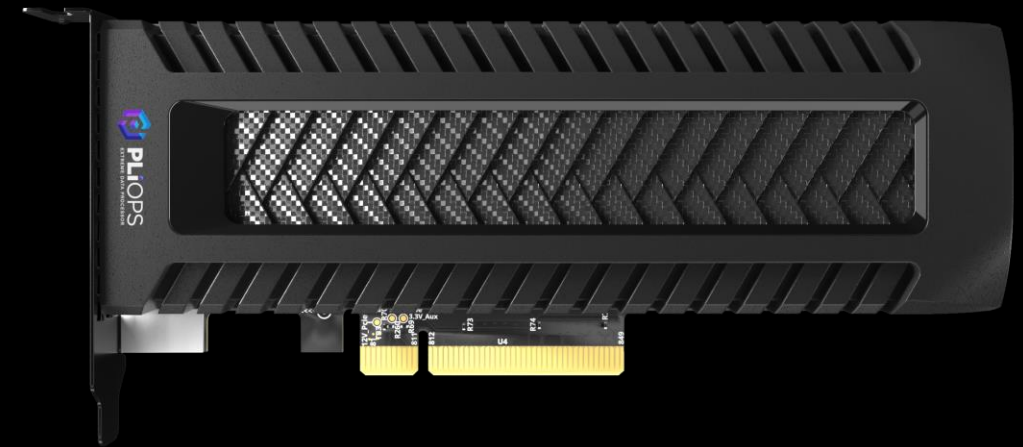
Capacity

Up to 6x more



Efficiency

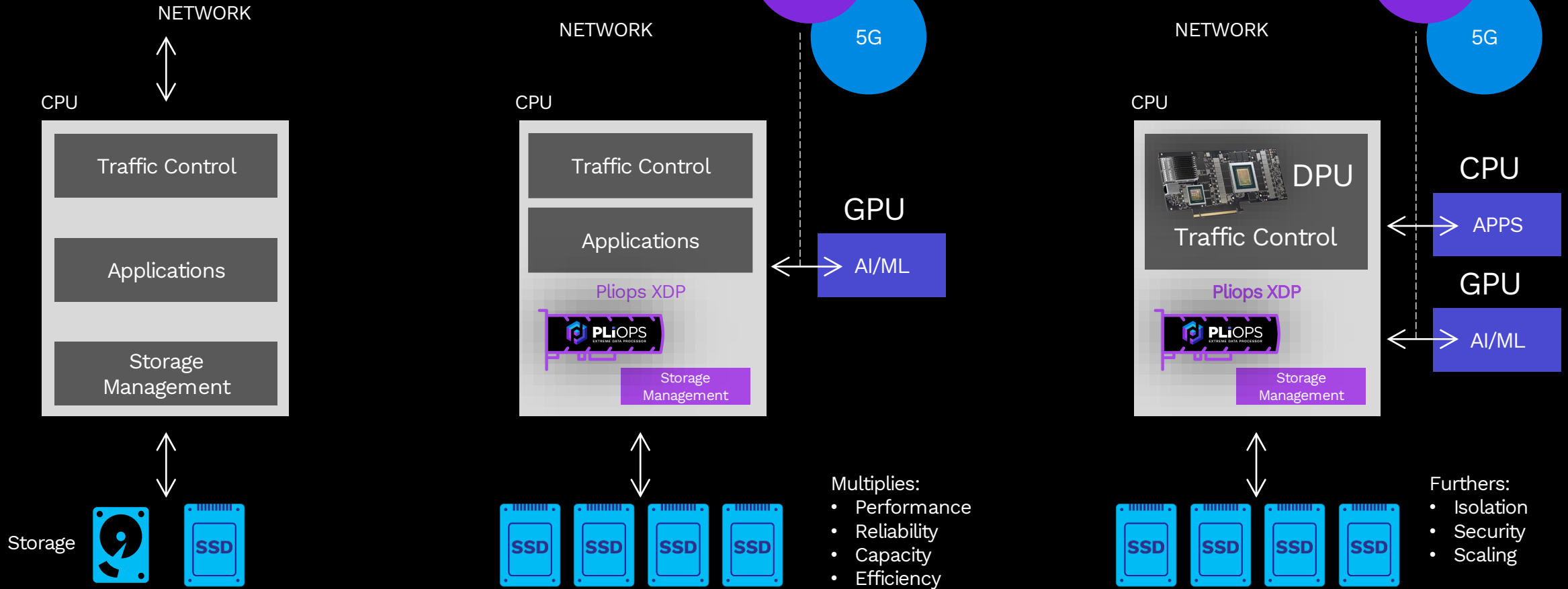
Lowest cost QLC, TLC
for any workload



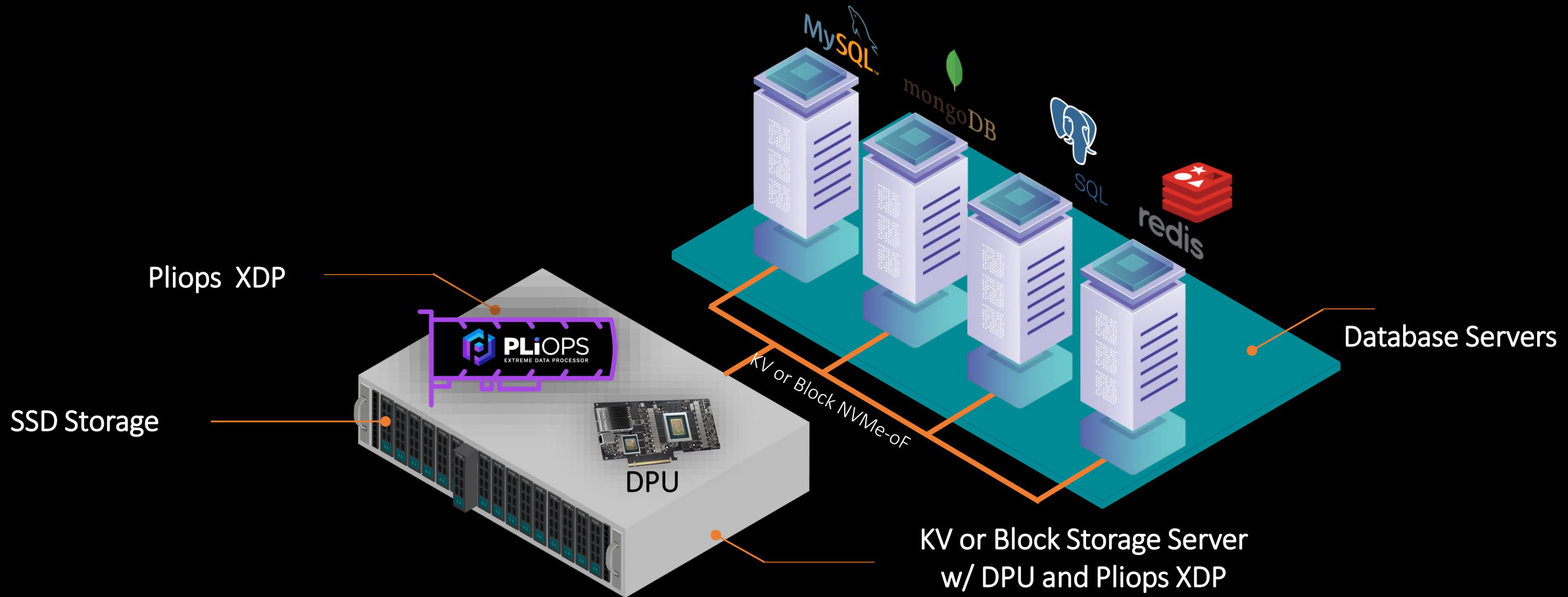
Yesterday's COMPUTE CENTRIC

Today's DATA CENTRIC

Future's DATA CENTRIC



Disaggregation w/ Accelerated Storage Server



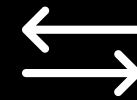
SCALE COMPUTE AND STORAGE INDEPENDENTLY



AGILITY TO RESPOND TO CHANGE AND FAILURES



EASY TO DEPLOY IN EXISTING DATA CENTERS

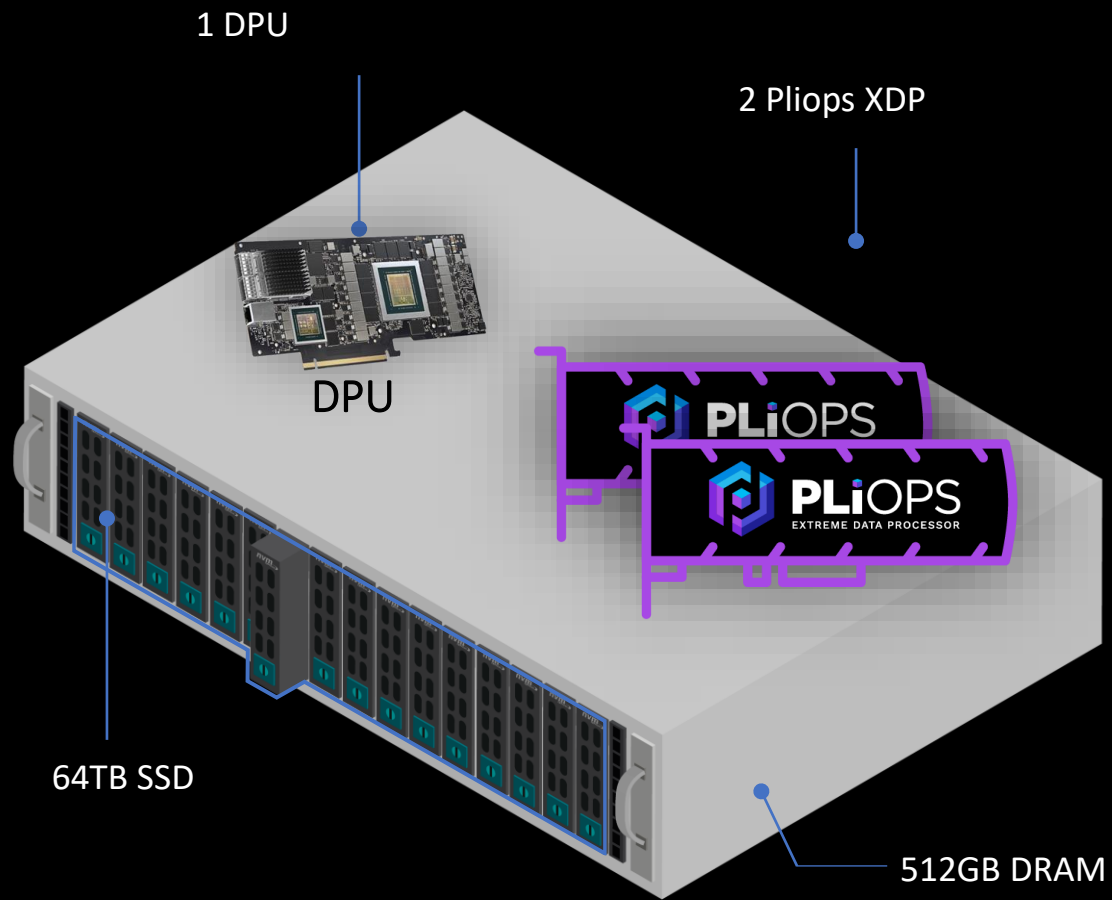


SHARE STORAGE ACROSS MANY APPLICATIONS

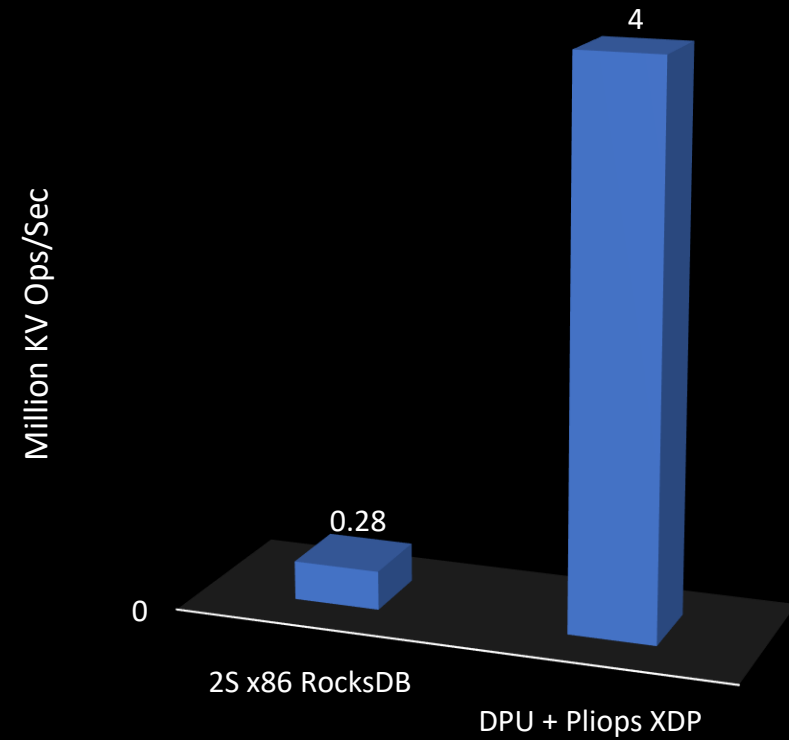


LOWER TOTAL COST OF OWNERSHIP

Delivering New Level of Infrastructure Efficiency



KV Storage Server powered by DPU



Solution Landscape for Accelerated Storage Server

