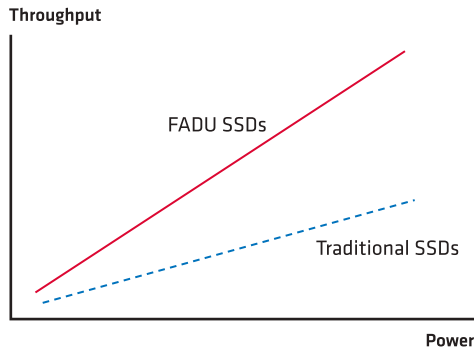


FADU BRAVO

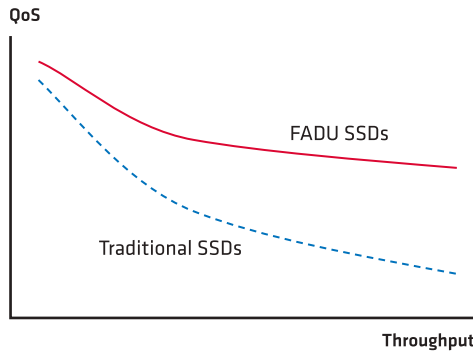
LOW POWER U.2 / M.2 22110 ENTERPRISE SSD

FADU's innovative SSD architecture provides the best performance for any environments

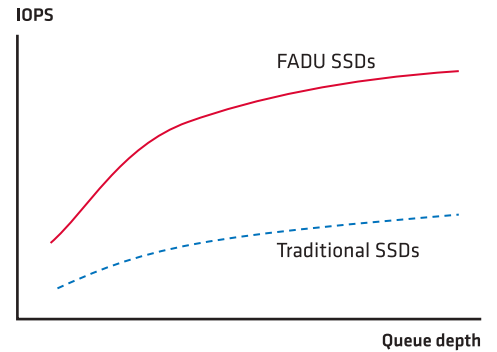
POWER EFFICIENT



RELIABLE QoS



SUPERIOR IOPS



Also FADU promises full flexibility to meet any sophisticated requirements

COMPREHENSIVE FEATURES

- SR-IOV support with proprietary bandwidth allocation to VMs
- multi-stream and up to 32 name space support
- Dual port / VPD / PLP Support

MAXIMIZED RELIABILITY

- 4KB LDPC (FADU's own IP)
- Real end-to-end (Host-to-NAND) full-path data protection
- Powerful NAND defense codes

FULL FLEXIBILITY

- Customizable QoS
- Dynamically configurable In-storage RAID
- Light NVM / Open channel SSD

FADU BRAVO

Interface	PCIe Gen 3.0 x4, NVMe 1.3 (3.0 X 2 dual port for U.2)							
Hardware	Controller	FADU Annapurna Controller						
	Dimension	70 x 100 x 7mm				110 x 22 x 2.5/3.9mm (Single/Dual)		
	Form Factor	U.2 7mm (dual port support)				M.2 22110		
	NAND	3D TLC NAND						
	Capacity	800GB	1.6TB	3.2TB	6.4TB	800GB	1.6TB	3.2TB
	Over Provision	28%	28%	28%	28%	28%	28%	28%
Performance	Seq. Read (MB/s)	3,500	3,500	3,500	3,500	3,500	3,500	3,500
	Seq. Write (MB/s)	1,450	2,900	2,900	3,500	1,450	2,900	2,900
	Ran. Read (KIOPS) (Sustained)	580	900	900	900	580	900	900
	Ran. Write (KIOPS) (Sustained)	120	230	230	290	120	230	230
Latency	4K Ran. R/W	80 us / 15 us (QD=1)				80 us / 15 us (QD=1)		
Power Consumption	Standby	Typ. 2.5W				Typ. 2.5W		
	Active (AVG.)	Typ. <6W		Typ. <8W		Typ. <6W		Typ. <8W
Data Security	AES 256-bit for User Data Encryption, TCG/Opal							
Supporting Features	S.M.A.R.T, NVMe commands, Power Loss Protect, Hot Plug, NVMe MI SR-IOV (32ea with QoS), Multi-stream (16ea), Multiple namespace (32ea)							
Reliability	MTBF	2 million hours						
Warranty	Period	5 years limited						

