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STORING POSSIBILITIES PROTECTING PASSIONS



X400-XXX 2280 Specification



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X400-XXX 2280 Specification

Item	Model Name	X400-XXX 2280			
Overview	Dimensions	M.2 (L80.0mm) * (W22.0mm) * (H2.1mm) ±0.1mm			
	Interface	M.2 M Key, PCIe Gen4 x4, NVME Rev. 1.4			
	Support OS	Windows 7, Windows 10, Windows 11, Windows Server 2012 R2, RHEL, CentOS, Ubuntu, Linux			
Performance	Capacity	512GB	1TB	2TB	4TB
	NAND Flash	3D TLC	3D TLC	3D TLC	3D TLC
	Seq. Read (MB/s)	7200	7400	7400	7400
	Seq. Write (MB/s)	4400	6600	6600	6500
	TBW	300	600	1200	2400
	Random 4k Read IOPS	630K	710K	700K	650K
	Random 4k Write IOPS	390K	610K	600K	670K
	Random Acc. time	0.043ms	0.053ms	0.054ms	0.054ms
Electrical	Input Voltage	DC 3.3V ±5%			
	Idle Mode	0.63W	0.68W	0.72W	0.73W
	Max	3.50W	3.60W	3.70W	4.56W
Reliability	Read endurance	Infinite			
	Data Retention	10year @ 25℃			
	MTBF	1million hours			
	ECC	4K LDPC			
	Function	Automated Bad Block Management			
Environment	Option Temperature	0~+70℃			
	Storage Temperature	-20~+75℃			
	Humidity	5-95%			
Warranty	Limited 3-year warranty with free technical support				
Certification	CE, ROHS, FCC, REACH				
Status	MP	NO EOL			