KingSpec®

STORING POSSIBILITIES PROTECTING PASSIONS

XF-XXX Specifications

SHENZHEN KINGSPEC
ELECTRONICS TECHNOLOGY CO., LTD.

Office: 2001, Block C, Minzhi Joint Stock Commercial Center, North Station Community, Minzhi Street, Longhua District, Shenzhen, China, 518000
Factory: Factory 901, Building 1, Precision Intelligent Manufacturing Building, 8 Jianyou Road, Dafu Community, Guanlan Street, Longhua District, Shenzhen, China, 518000
Tel: 400-7799-771
Website: www.kingspec.com

XF-XXX Specifications

Item	Model Name	XF-XXX			
Overview	Dimensions	L42.0mm * W22.0mm * H3.5mm ±0.15mm			
	Interface	M.2,PCI-e Gen4 x4 NVME Rev.1.4			
	Support OS	Windows 7,Windows 8.1,Windows 10，DOS，Linux,Unix			
Performance	Capacity	256GB	512GB	1TB	2TB
	NAND Flash	3D NAND	3D NAND	3D NAND	3D NAND
	Seq. Read(MB/s)	4400~4600	4700~4900	4700~4900	4800~5100
	Seq. Write(MB/s)	1300~1500	2600~2800	4400~4600	4200~4400
	TBW	300TB	600TB	1200TB	2400TB
	Random 4k Read IOPS	560K（2TB）			
	Random 4k Write IOPS	765K（2TB）			
	Random Acc. time	0.22ms（2TB）			
Electrical	Input Voltage	DC 3.3V±5%			
	Idle Mode(W)	0.82W(2TB)			
	Max (W)	5.48W(2TB)			
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			