



KingSpec®

STORING POSSIBILITIES PROTECTING PASSIONS

Z5-XXX Specifications



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Z5-XXX Specifications

Item	Model Name	Z5-XXX			
Overview	Dimensions	L104.70mm*W40.00mm*H10.70mm ±0.15mm			
	Interface	Type C USB Rev. 3.2 Gen2x2(20Gbps)- with backwards compatibility to USB Rev. 3.0,Thunderbolt 4 only supports USB 3.2 Gen2x1(10Gbps)			
	Net Weight	≈116g			
	Support OS	Windows 7,Windows 10,Windows 11,Android 6.0 or later,Unsupport the full range of iOS mobile devices.			
Performance	Capacity	512GB	1TB	2TB	4TB
	NAND Flash	3D TLC	3D TLC	3D TLC	3D TLC
	Seq. Read(MB/s)	2000~2100	2000~2100	2000~2100	2000~2100
	Seq. Write(MB/s)	1700~1800	1700~1800	1750~1850	1750~1850
	Random 4k Read IOPS	64K (4TB)			
	Random 4k Write IOPS	67K (4TB)			
	Random Acc. time	0.3ms (4TB)			
Electrical	Input Voltage	DC 5V±5%			
	Idle Mode(W)	1.0W (4TB)			
	Max (W)	5.25W (4TB)			
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			