

Black Diamond Series INDUSTRIAL SSD

Specifications

Appearance	Dimensions	42 mm x 22 mm x 2.23 mm (1.65" x 0.87" x 0.09")
	Weight	5 g (0.18 oz)
	Form Factor	M.2 2242
Interface	Bus Interface	NVMe PCIe Gen3 x4
Storage	Capacity	64 GB / 128 GB / 256 GB / 512 GB / 1 TB / 2 TB
	Flash Type	3D NAND flash
Operating Environment	Operating Voltage	5V±5%
	Operating Temperature	Normal Temp. : 0°C ~ 70°C Middle Rang Temp. : -20°C ~ 75°C Wide Temp. : -40°C ~ 85°C
	Storage Temperature	-55°C (-67°F)~85°C (185°F)
	Humidity	5% ~ 95%
	Shock	1500 G, 0.5 ms, 3 axis
	Vibration (Operating)	20 G (peak-to-peak), 7 Hz ~ 2000 Hz (frequency)
Power	Power Consumption (Operation)	3.3 watt(s)
	Power Consumption (Sleep)	0.5 watt(s)
Performance	Sequential Read/Write (CrystalDiskMark)	Read: up to 560 MB/s Write: up to 550 MB/s
	4K Random Read/Write (IOMeter)	Read: up to 90,000 IOPS Write: up to 85,000 IOPS
	Mean Time Between Failures (MTBF)	3,000,000 hour(s)
	Terabytes Written (TBW)	up to 1,760 TBW
	Drive Writes Per Day (DWPD)	1.62 (4 yrs)
Warranty	Certificate	CE / FCC / UKCA
	Warranty	4-years Warranty

Product specifications are subject to change without notice. Pictures shown may differ from actual products. Total accessible capacity varies depending on operating environment. Due to the complexity and variety of industrial applications, KingFast cannot guarantee 100% compatibility with all platforms and under all scenarios. For special applications and environments, it is strongly suggested that you contact KingFast beforehand for clarification.