



# User Manual

Description of products:

1. Application area of KingSpec SSDs:

Laptop, Desktop, Game Player, Industrial Device, Server and other storage device.

2. Package.

Kingspec SSD:

1 SSD (metal housing/ plastic housing) /warranty card/Bracket for drive(need to purchase extra).

3. Main parameter of SSD.

Size: 2.5", special requirement.

Capacity:32GB.

Interface: PATA (IDE 44) .

Flash:MLC NAND flash.

Working temp.:0~70°C, -40~85°C.

Working Humidity: 5~95%

Input Voltage: 5V+/-5%

Working consumption: 2.0W

Free consumption:0.5W

Other parameter of SSD

Average response time: 0.2ms

MTBF: 1,000,000 hours

IOPS:6045

Read life: 8 years (with speed of writing 100GB/day)

Read life: infinite

Wear-leveling: Dynamic and static

ECC:8bit or 15bit/512byte

Storage life: 10 years under temp 25°C.

Bad block management

Warranty time: 2 years.

4、Features.

1). Read speed: Since SSD use flash chip as storage medium, the read speed will be much faster than common HDD, the response time of SSD is almost close to 0s, which shorten the boot up time of system and software greatly.

2). Write Speed: Also due to SSD use flash chip as storage medium, the read speed is faster than HDD, the same effect as the read speed.

3). Seismic performance: Since there are no physical construction, so users do not worry about the lose of data from shake and hit.

4). Low consumption. It's much lower than HDD.

5). No noise.

5. Note:

1) Do not place the SSD to high temp. and low temp. area, or let it working under the



# User Manual

environment with great range of temperature.

- 2) Do not let the SSD close to any device with magnetic field, such as magnet and Speaker.
- 3) Do not hit or buckling the SSD.
- 4) Do not use solvent with benzene inside, that will make the SSD variant and fade.
- 5) FCC Warning:

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions; (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation . If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected .
- Consult the dealer or an experienced radio/TV technician for help.

## 6. Data protection

- 1)Do not take off or cut of the power when SSD is working.
- 2)Before you format the SSD, please check if the data inside is useful, or the data can not be recovered once lose.
- 3)Back up the data regularly .

## 7. Suggestion.

KingSpec recommend you install your OS via CD/DVD ROM, which will let your device working under a stable OS, can also protect the data inside.

## 8. After Service

Address: Address: 3rd/F., 4th Block, Tongfuyu Ind. Park, Tanglang, Xili, Nanshan, Shenzhen, China 518055.

Post Code: 518055

Hot Line: 0086-400-7799-711

Fax:0755-26985365

Tel: 0755-26985376/26985597

Email: [info@kingspec.com](mailto:info@kingspec.com)

<http://www.kingspec.com>