

ShenZhen KingSpec Electronics Technology Co., Ltd.

Addr: 3rd/F, 4th Block, Tongfuyu Ind. Park, Tanglang, Xili, Nan Shan,
Shenzhen, China P.C.: 518055

Tel: +86-755-26985389 26985379 Fax: +86-755-26985365

E-mail: info@kingspec.com Http://www.kingspec.com



About Us

Our Customer

Hisense, GreatWall, EVOC, TCL, ADLINK, EMERSON, NORCO, HEDY, ASUS, ZTE, ZhejiangUniversity, Xiamen University, Shenzhen University, Xi'an API, SZCEC, BlueStar, ANOVO.....

Our Certification

KingSpec has membership with SSDA and SATA-IO Administration. The factory is ISO9001:2008 certificated. And the SSD are CE, ROHS, FCC certificated.

Our History

2005: KingSpec Electronics Technology co.,ltd is founded in Shenzhen.

2008: KingSpec become the distributor of MTRON SSD
KingSpec SSD passed CE, ROHS, FCC certification.
KingSpec build up membership with SSDA

2009: KingSpec build all SSD production-line. And we have the brand shop in Beijing, Shanghai, Guangzhou and Shenzhen.

2010: KingSpec Motive series SSD win the HongKong PCM Honor.

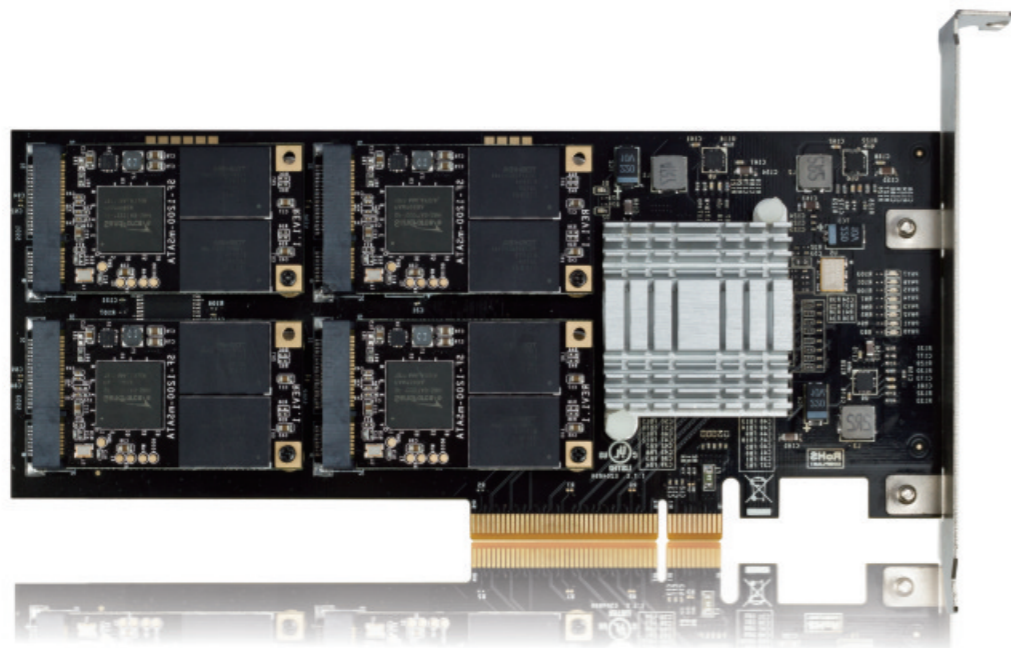
2011: The factory is ISO9001:2008 certificated;
KingSpec finish the VI System building and upgrade;
KingSpec attend the The Shanghai Expo, Shenzhen High-tech Expo and HK Fair.

2012: KingSpec attend the CES2012, CeBIT 2012, HK Fair, Computex 2012, Shanghai Expo and the Shenzhen High-tech Expo etc.

KingSpec brand shop are well built in Beijing, Shanghai, Guangzhou, Shenzhen, Zhengzhou, Hangzhou, Xi'an and Changsha.



Multicore Series



Overview of products:

Multicore Series by KingSpec is for high speed, high IO application area to advanced users. With advanced technology on hardware and software, Multicore Series can not only has high speed rate and IO, but also can do auto outline work to hot and cold data, which will increase the performance of your OS, and decrease the TCO. Multicore Series will bring a perfect solution to some application of enterprise, such as high-end server, advanced digital device.

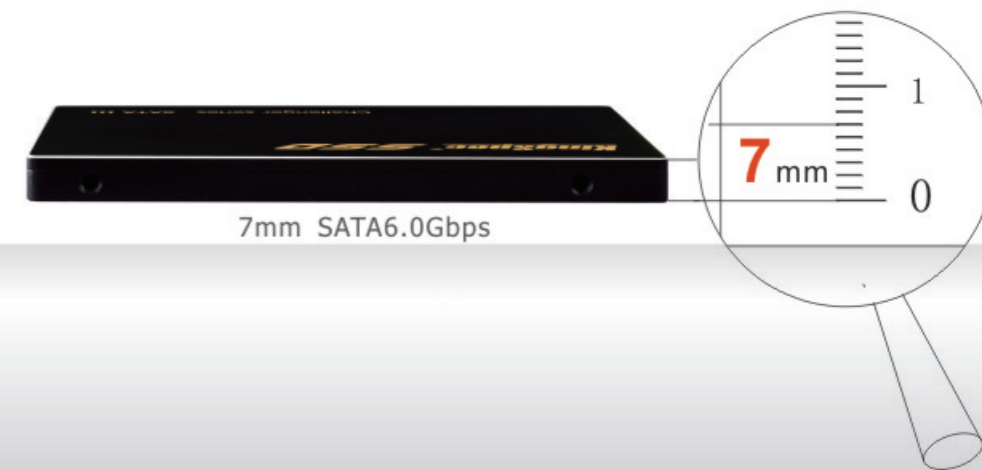
Main Features:

With the technology of TIST, we can enhance the performance of OS, reduce the TCO
 The Optimal IO will enhance the performance and increase the life of SSD
 Capacity: 256GB~2TB
 Interface: PCI-E, it's compatible with common device
 Working well in all kinds of server enviroment
 Your data will be retained even if the sudden power-off happened

Challenger 7mm Series



Ultra SSD, the Best partner of UltraBook
 Ultra Thin SSD,
 Physical thickness: **7 mm**
 small size, high performance



7mm SATA6.0Gbps

Main Features:

Interface: SATA-III
 FLASH: MLC/SLC NAND FLASH
 Operating temperature: 0°C~+70°C
 Max Read/Write speed: 500MB/s; 450MB/s
 IOPS Random Read(4KB): 60K
 IOPS Random Write(4KB): 30K
 For all UltraBook with SATA-III interface

Challenger SATA6.0Gbps Series



Challenger SATA6.0Gbps SSD

Interface:SATA-III
 FLASH:MLC NAND FLASH
 Operating temperature:0°C~+70°C
 Max Read/Write speed:500MB/s;450MB/s
 IOPS Random Read(4KB):60K
 IOPS Random Write(4KB):30K
 For all PC¬ebook with SATA-III interface

1. C3000 , Consumer grade,Capacity:60GB, 120GB, 240GB, 480GB
2. E3000 , Enterprise grade,Capacity : 120GB, 240GB, 480GB
3. M5000 , Industrial grade,Capacity:60GB, 120GB, 240GB, 480GB
4. P10000 , Professional grade,Capacity : 60GB, 120GB, 240GB, 480GB
5. S100000 , Special application grade,Capacity:60GB, 120GB, 240GB, 480GB

Spark High-Speed Series



KingSpec mSATA SSD SPK-mSATA.2-MXX

Interface : SATA-miniPCIe
 FLASH : MLC NAND FLASH
 Operating temperature : 0 °C ~+70°C
 Max Read/Write speed : 271MB/s;250MB/s
 IOPS Random Read(4KB) : 30K
 IOPS Random Write(4KB) : 10K
 MLC:32GB\64GB
 Applications : DELL M4500 /Dell 6500/Lenovo Y series /T series /W series

KingSpec 2.5" SATA SSD SPK-SF12-S/MXX

Interface : SATA-II
 FLASH : SLC&MLC NAND FLASH
 Operating temperature : 0 °C ~+70°C
 Max Read/Write speed : 285MB/s;273MB/s
 IOPS Random Read(4KB) : 30K
 IOPS Random Write(4KB) : 10K
 SLC : 50GB
 MLC : 60GB/120GB/240GB/480GB
 Applications : All notebook & equipment with SATA

KingSpec 1.8 "Micro SATA SSD mSPK-SF12-S/MXX

Interface : MicroSATA
 FLASH : SLC&MLC NAND FLASH
 Operating temperature : 0 °C ~+70°C
 Max Read/Write speed : 272MB/s;263MB/s
 IOPS Random Read(4KB) : 30K
 IOPS Random Write(4KB) : 10K
 SLC : 25GB/50GB/100GB
 MLC : 60GB/120GB/240GB
 Applications : Industry equipment/Tablet PC/ notebook with Micro SATA,etc

Industrial Series



Industrial Series SSD is mainly used in the working environment which has strict requirements, such as Industrial PC, server and so on. KingSpec specially provide incubator and humidistat for Industria Series SSD, have 100% imitation environment test and aging test before delivery goods.



KingSpec 2.5" SATA MLC SSD
KSD-SA25.1-XXXMJI
 FLASH : MLC NAND FLASH
 Operating temperature : -20 °C ~ +75°C
 Max Read/Write speed : 160MB/s;108MB/s
 4KB Random Read : 4711
 4KB RandomWrite : 578
 Capacity : 8GB/16GB/32GB/64GB/128GB/256GB
 Application : Industrial PC/Server
 & all equipment with SATA



KingSpec 2.5 "PATA MLC SSD
KSD-PA25.1-XXXMJI
 FLASH : MLC NAND FLASH
 Operating temperature : -20 °C ~ +75°C
 Max Read/Write speed : 86MB/s;78MB/s
 4KB Random Read : 2379
 4KB RandomWrite : 499
 Capacity : 8GB/16GB/32GB/64GB/128GB/256GB
 Application : Industrial PC/Server
 & all equipment with PATA



KingSpec 2.5 "SATA SLC SSD
KSD-SA25.1-XXSJM
 FLASH : SLC NAND FLASH
 Operating temperature : -40 °C ~ +85°C
 Max Read/Write speed : 170MB/s;140MB/s
 4KB Random Read : 4711
 4KB RandomWrite : 2520
 Capacity : 8GB/16GB/32GB/64GB/128GB/256GB
 Application : Industrial PC/Server
 & all equipment with SATA



KingSpec 2.5" PATA SLC SSD
KSD-PA25.1-XXSJM
 FLASH : SLC NAND FLASH
 Operating temperature : -40 °C ~ +85°C
 Max Read/Write speed : 116MB/s;86MB/s
 4KB Random Read : 3380
 4KB RandomWrite : 1550
 Capacity : 8GB/16GB/32GB/64GB/128GB/256GB
 Application : Industrial PC/Server
 & all equipment with PATA

Extended Temperature Series



Consumer Series



Main Features:

Fast sequential read write speed, accelerate data access time and high IOPS;
 Capability with lower power consumption, noiseless, small volume;
 Compatible with many operate systems;
 Shock: 2,000G(@0.3ms half sine wave);
 Vibration: 20G(40-2000Hz);
 Humidity: 0%~95%;
 Operating Temperature: 0°C~+70°C;
 Non-Operating Temperature: -40°C~+85°C;
 Write endurance: 8years@100GBytes write and erase per day at 32GB.

KingSpec 1.8" CF SSD KSD-CF18.6-XXXX

Capacity : 8GB/16GB/32GB/64GB/128GB
 Max Read/Write speed : 67MB/s;51MB/s
 Applications : NoteBook with CF such as
 TOSHIBA R100/R200, SONY U8C&other equipment



KingSpec 2.5" SATA SSD KSD-SA25.5-XXXX

Capacity : 8GB/16GB/32GB/64GB/128GB/256GB
 Max Read/Write speed : 162MB/s;130MB/s
 Application : All notebook & equipment with SATA



KingSpec 1.8" PATA SSD KSD-PA18.1-XXXX

Capacity : 8GB/16GB/32GB/64GB/128GB
 Max Read/Write speed : 74MB/s;49MB/s
 Applications : Notebook with PATA such as IBM X40/X41/X41T& other equipment



KingSpec 1.8" ZIF SSD KSD-ZF18.6-XXXX

Capacity : 8GB/16GB/32GB/64GB/128GB
 Max Read/Write speed : 67MB/s;51MB/s
 Applications : Notebook with ZIF such as DELL/SONY/HP/Lenovo & other equipment



KingSpec 1.8" Micro SATA SSD KSD-MS18.5-XXXX

Capacity : 8GB/16GB/32GB/64GB/128GB/256GB
 Max Read/Write speed : 169MB/s;130MB/s
 Applications : All notebook such as IBM X300/X301;SONY TT13/TT23

Core Tecnologies:

Dynamic and static wear-Leveling
 Bad block management
 MTBF:1,00 ports BCH ECC 8bits or 15bits in512bytes.

Others:

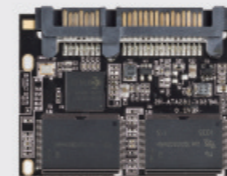
Certification :CE, FCC, RoHS certified.ISO9001:2008
 Exactive members of SSDA.
 Warranty:SLC series 3 years , MLC series 2 years.

Enterprise Series



mSATA Mini-PCIE SSD

Capacity:4GB/8GB/16GB/32GB/64GB/128GB
 Max Read/Write speed : 281MB/s; 270MB/s
 PCB board: Three controllers used the same PCB board
 Applications:All notebook and equipment with mSATA Mini-PCIE



KingSpec 1.8" Half Slim SATA SSD Module KSM-SA18.H-XXXX

NAND Flash: MLC/SLC
 Capacity: 2GB-64GB
 Interface: SATA
 Max Read/Write speed: SLC: 105MB/s;86MB/s;
 MLC: 90MB/s;53MB/s
 Applications: Home HD player, Tablet PC, UMPC, etc



KingSpec ZIF SSD Module KSM-ZIF.2-XXXX

NAND Flash: MLC/SLC
 Capacity: 2GB-64GB
 Interface: ZIF
 Max Read/Write speed: SLC: 105MB/s; 86MB/s;
 MLC: 90MB/s;53MB/s
 Applications: Home HD player, Tablet PC, UMPC, etc



KingSpec mSATA-half SSD Module KSM-mSATA.5H-XXXX

NAND Flash: MLC/SLC
 Capacity: 2GB-64GB
 Interface: mSATA
 Max Read/Write speed: SLC: 160MB/s;70MB/s;
 MLC: 158MB/s;68MB/s
 Applications: Tablet PC with SATA interface

Main Features:

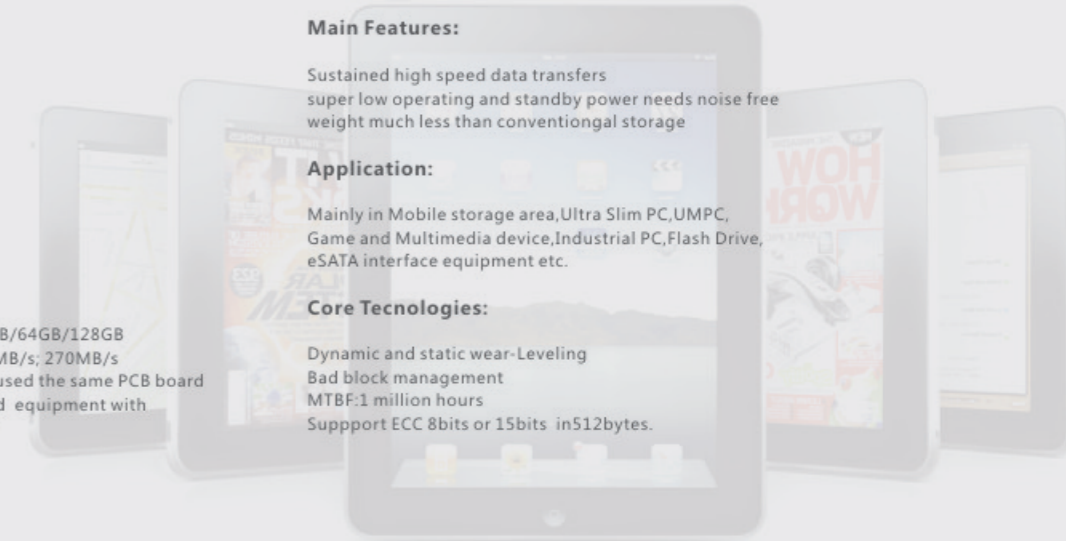
Sustained high speed data transfers
 super low operating and standby power needs noise free weight much less than conventional storage

Application:

Mainly in Mobile storage area,Ultra Slim PC,UMPC, Game and Multimedia device,Industrial PC,Flash Drive, eSATA interface equipment etc.

Core Tecnologies:

Dynamic and static wear-Leveling
 Bad block management
 MTBF:1 million hours
 Support ECC 8bits or 15bits in512bytes.



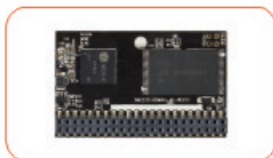
DOM Series



Professional Solution
For Industrial Storage Equipment



IDE 44Pin DOM Vertical+Plug
KDM-44VP.2-XXXX



IDE 44Pin DOM Horizontal+Socket
KDM-44HS.4-XXXX



SATA DOM Dual-channel
KDM-SA.2-XXXXX



SATA DOM Single-channel
KDM-SA.1-XXXXX



USB DOM
KDM-eUSB.1-XXXX

CF Card Series



KCF-PA.1-XXXX				
Interface	50PIN CF Socket			
Capacity	8GB	16GB	32GB	64GB
Sustained Read	52MB/S(400X)	70MB/S(400X)	86MB/S(600X)	86MB/S(600X)
Sustained Write	15MB/s	28MB/s	59MB/s	60MB/s
IOPS Sequential Read(4KB):	5807			
IOPS Sequential Write(4KB):	4771			
Application:SLR cameras such as Canon 50D/7D, EOS-1D Mark IV, etc.and all the devices with CF interface.				

Note:

Tel: +86-755-26985389 26985379 Fax: +86-755-26985365

<http://www.kingspec.com>