KingDian International Branches

- ⭐ KingDian China HQ
- 📍 KingDian USA
- 📍 KingDian Mexico
- 📍 KingDian Dian Latin
- 📍 KingDian Vietnam
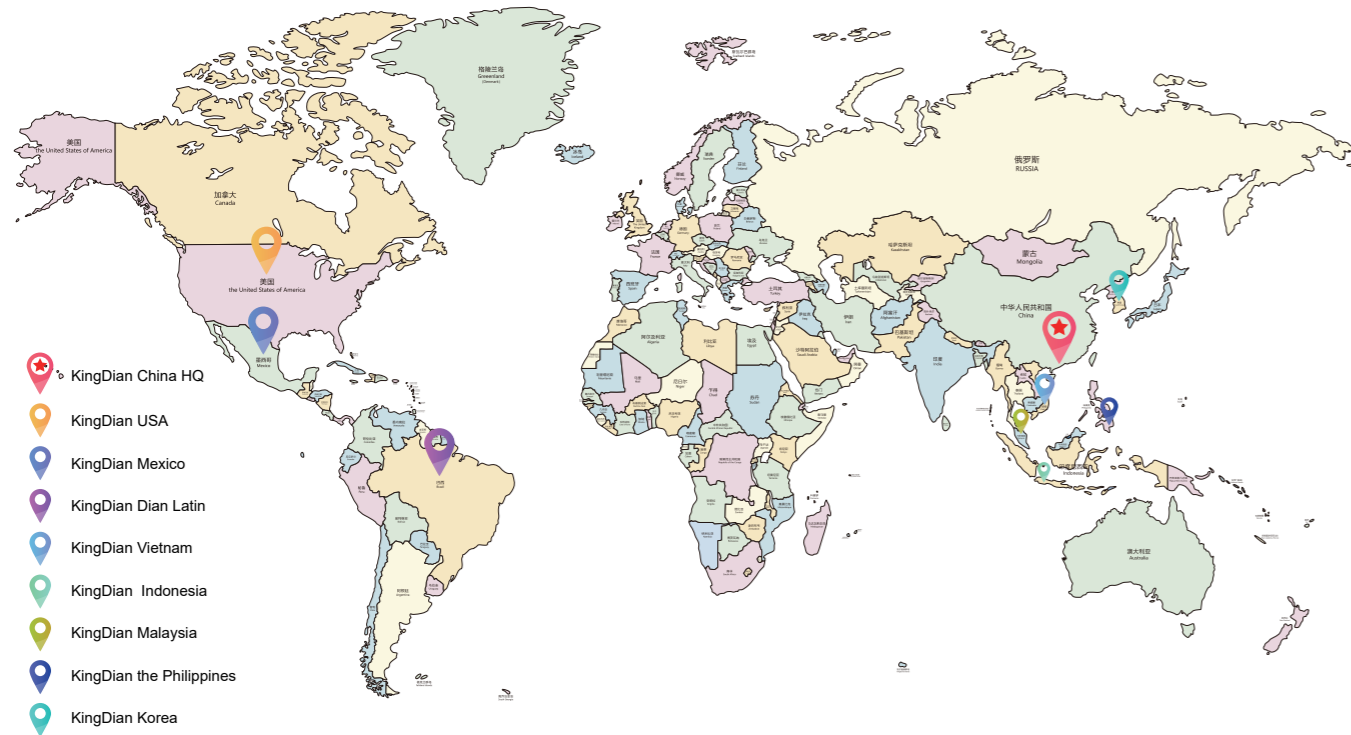- 📍 KingDian Indonesia
- 📍 KingDian Malaysia
- 📍 KingDian the Philippines
- 📍 KingDian Korea

International Branches

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Surakarta,Jawa Tengah,lndonesia

Vietnam Branch Office
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Ho Chi Minh City, Vietnam

Korea Branch Office
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Philippine Branch Office
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Philippines

Mexico Branch Office
Address:Calle Jacarsndas Mz 156 LT 29 Hacienda Ojo de Agua,
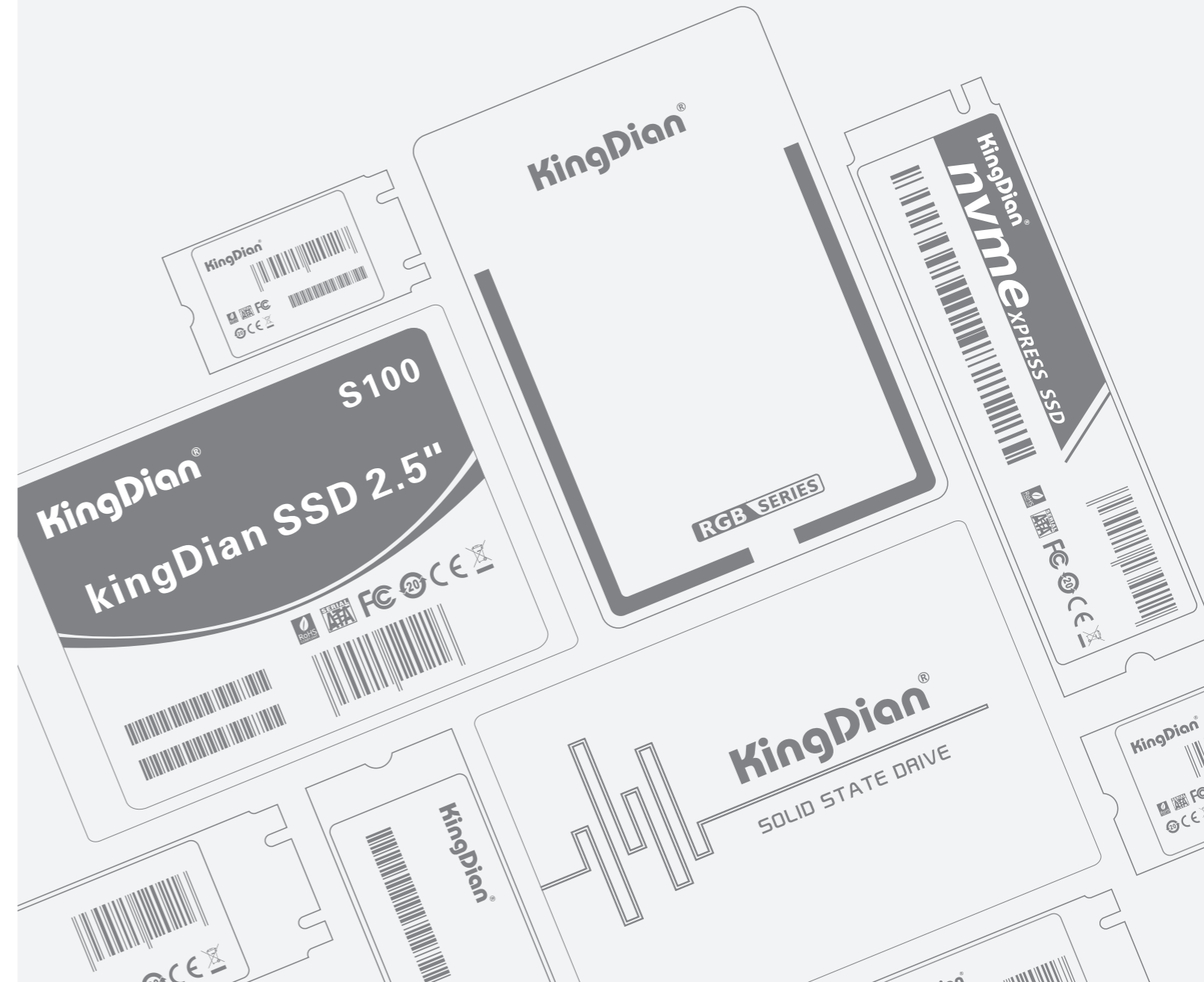Tecamac -Estado de Mexico 55770

KingDian® | Focus on SSD and DDR memory Since 2010

Version 2023

SSD PRODUCTS MANUAL

About Us

ShenZhen KingDian Technology Co, Ltd. was founded in 2010, it is one of the earliest high-tech companies engaged in SSD Solid State Drive, DDR Memories R&D, production and marketing in China.

From the date of its establishment, Our company has been devoted to the intensive cultivation of the SSD Solid State Drive and DDR Memory industry, providing inexpensive and quality storage solutions for all walks of life.

So far, we have set up branch offices in South Korea, Latin America,North America, Mexico, Indonesia, Malaysia, Philippines and Vietnam. Provide customers with more professional, timely and comprehensive localization services!

In China mainland. we have our own distribution channes in 28 provinces! We alwas put the quality of products in the most important position. we firmly believe that: The quality of the product is the life of a company!
Our company have many professional engineers, advanced equipment, so as to ensure that our products can be tested by the strictest and effective industry standards from a series of strict procedures like the material inspection,production process control, product testing, quality risk control, thereby to ensure provided the most satisfaction products to our users!

We are committed to providing customers with high quality, the most cost-effective products. and constantly improve the meticulous pre-sale,sale,after-sales service, we strive to continue to create value for our customers.

Our vision:

To make "KingDian SSD" become a famous storage brand in the world!

Our mission:

Provide customers with high quality products and services!
Provide a positive growth platform for employees!
To create a sustained return on investment for the shareholders!
To create the value of justice and honesty for society!

Our view of quality:

Quality is the life of an enterprise, because remedies need to pay much more.

Our values:

Pragmatism, innovation, upwards, diligence!

2.5Inch SATA3 S280 Series

Model Name	S280-120GB	S280-240GB	S280-480GB	S280-1TB	S280-2TB
Capacity	120GB	240GB	480GB	1TB	2TB
Max Sequential Read	514MB/s	535MB/s	543MB/s	538MB/s	519MB/s
Max Sequential Write	460MB/s	502MB/s	509MB/s	500MB/s	498MB/s
Product Series	2.5Inch SATA3 S280 Series SSD				
Interface Type	SATAIII (6.0 Gb/s)				
Origin	CN(Origin)				
Brand	KingDian				
Transport Protocol	AHCI				
Net Weight	40g				
Gross Weight	70g				
RGB	NO				
Temperature Alert	NO				
OEM/ODM	YES				
Cache	None				
4KB Random Wirte	69884				
4KB Random Read	61183				
Internal/External	Internal				
Operating Voltage	5V				
Operating Temperature	0~70°C				
Storage Temperature	-40~85°C				
Warranty	3 Years				
Nand Flash Type	TLC/QLC				
MTBF	1000000h				
Item Demension	100*70*7MM				
Box Packing Size	168x90x17mm				
Certificate	CE、FCC、ROHS、KC				
Application	PC/NB/Server/All in one PCetc				
Controller	SMI/Yeestor/Realtek/Maxio etc				
Flash Brand	Intel/Micron/SAMSUNG/SK Hynix/SanDisk/Kioxia/YMTC				

Note:

Speed measurement is for reference only (Speed measurement is slightly different for different computer configurations)

Model Name	S370-128GB	S370-256GB	S370-512GB
Capacity	128GB	256GB	512GB
Max Sequential Read	544MB/s	502MB/s	556MB/s
Max Sequential Write	476MB/s	501MB/s	482MB/s
Product Series	2.5Inch SATA3 S370 Series SSD		
Interface Type	SATAIII (6.0 Gb/s)		
Origin	CN(Origin)		
Brand	KingDian		
Transport Protocol	AHCI		
Net Weight	40g		
Gross Weight	70g		
RGB	NO		
Temperature Alert	NO		
OEM/ODM	YES		
Cache	None		
4KB Random Wirte	70804		
4KB Random Read	61783		
Internal/External	Internal		
Operating Voltage	5V		
Operating Temperature	0~70℃		
Storage Temperature	-40~85℃		
Warranty	3 Years		
Nand Flash Type	TLC/QLC		
MTBF	1000000h		
Item Demension	100*70*7MM		
Box Packing Size	168x90x17mm		
Certificate	CE、FCC、ROHS、KC		
Application	PC/NB/Server/All in one PCetc		
Controller	SMI/Yeestor/Realtek/Maxio etc		
Flash Brand	Intel/Micron/SAMSUNG/SK Hynix/SanDisk/Kioxia/YMTC		

Note:

Speed measurement is for reference only (Speed measurement is slightly different for different computer configurations)

2.5Inch SATA3 S370 Series

2.5Inch SATA3 RGB Series

Model Name	RGB-128GB	RGB-256GB	RGB-512GB	RGB-1TB	RGB-2TB
Capacity	128GB	256GB	512GB	1TB	2TB
Max Sequential Read	488MB/s	497MB/s	555MB/s	555MB/s	580MB/s
Max Sequential Write	450MB/s	460MB/s	510MB/s	518MB/s	560MB/s
Product Series	2.5Inch RGB SATA3 SSD				
Interface Type	SATAIII (6.0 Gb/s)				
Origin	CN(Origin)				
Brand	KingDian				
Transport Protocol	AHCI				
Net Weight	55g				
Gross Weight	85g				
Temperature Alert	NO				
RGB	YES				
OEM/ODM	YES				
Cache	None				
Nand Flash Type	TLC/QLC				
4KB Random Wirte	73335				
4KB Random Read	61258				
Internal/External	Internal				
Operating Voltage	5V				
Operating Temperature	0~70°C				
Storage Temperature	-40~85°C				
Warranty	3 Years				
MTBF	1500000h				
Item Demension	100*70*7MM				
Box Packing Size	168x90x17mm				
Certificate	CE、FCC、ROHS、KC				
Application	PC/NB/Server/All in one PCetc				
Controller	SMI/Yeestor/Realtek/Maxio etc				
Flash Brand	Intel/Micron/SAMSUNG/SK Hynix/SanDisk/Kioxia/YMTC				

Note:

Speed measurement is for reference only (Speed measurement is slightly different for different computer configurations)

Model Name	HG48-NVME-512GB	HG48-NVME-1TB	HG48-NVME-2TB	HG48-NVME-4TB
Capacity	512GB	1TB	2TB	4TB
Max Sequential Read	5034MB/s	5078MB/s	4904MB/s	4945MB/s
Max Sequential Write	2472MB/s	4448MB/s	4589MB/s	4535MB/s
Cache	512MB	1024MB	2048MB	4096MB
Product Series	HG48 NVMe (PCIE) Series SSD			
Interface Type	NVMe(PCIE Gen4)			
Origin	CN(Origin)			
Brand	KingDian			
Transport Protocol	PCIe			
Net Weight	40g			
Gross Weight	60g			
RGB	NO			
Temperature Alert	NO			
OEM/ODM	YES			
4KB Random Wirte	164128			
4KB Random Read	183522			
Internal/External	Internal			
Operating Voltage	3.3V			
Operating Temperature	0~70℃			
Storage Temperature	-40~85℃			
Warranty	3 Years			
Nand Flash Type	TLC/QLC			
MTBF	1500000h			
Item Demension	22*80*9MM			
Box Packing Size	120x60x15mm			
Certificate	CE、FCC、ROHS、KC			
Application	PC/NB/Server/All in one PCetc			
Controller	SMI/Yeestor/Realtek/Maxio etc			
Flash Brand	Intel/Micron/SAMSUNG/SK Hynix/SanDisk/Kioxia/YMTC			

Note:

Speed measurement is for reference only (Speed measurement is slightly different for different computer configurations)

HG48 NVME Series

Model Name	G48-550PRO-512GB	G48-550PRO-1TB	G48-550PRO-2TB	G48-550PRO-4TB
Capacity	512GB	1TB	2TB	4TB
Max Sequential Read	5034MB/s	5078MB/s	4904MB/s	4945MB/s
Max Sequential Write	2472MB/s	4448MB/s	4589MB/s	4535MB/s
Cache	512MB	1024MB	2048MB	4096MB
Product Series	550PRO NVMe(PCIE) Series SSD			
Interface Type	NVMe(PCIE Gen4)			
Origin	CN(Origin)			
Brand	KingDian			
Transport Protocol	PCIe			
Net Weight	15g			
Gross Weight	45g			
RGB	NO			
Temperature Alert	NO			
OEM/ODM	YES			
4KB Random Wirte	164128			
4KB Random Read	183522			
Internal/External	Internal			
Operating Voltage	3.3V			
Operating Temperature	0~70℃			
Storage Temperature	-40~85℃			
Warranty	3 Years			
Nand Flash Type	TLC/QLC			
MTBF	1500000h			
Item Demension	22*80*3MM			
Box Packing Size	120x60x15mm			
Certificate	CE、FCC、ROHS、KC			
Application	PC/NB/Server/All in one PCetc			
Controller	SMI/Yeestor/Realtek/Maxio etc			
Flash Brand	Intel/Micron/SAMSUNG/SK Hynix/SanDisk/Kioxia/YMTC			

Note:

Speed measurement is for reference only (Speed measurement is slightly different for different computer configurations)

G48 550PRO NVME M.2 Series

G48 760PRO NVME M.2 Series

Model Name	G48-760PRO-512GB	G48-760PRO-1TB	G48-760PRO-2TB	G48-760PRO-4TB
Capacity	512GB	1TB	2TB	4TB
Max Sequential Read	7020MB/s	7020MB/s	7030MB/s	7035MB/s
Max Sequential Write	4450MB/s	6557MB/s	6500MB/s	6535MB/s
Cache	512MB	1024MB	2048MB	4096MB
Product Series	760PRO NVMe(PCIE) Series SSD			
Interface Type	NVMe(PCIE Gen4)			
Origin	CN(Origin)			
Brand	KingDian			
Transport Protocol	PCIe			
Net Weight	15g			
Gross Weight	45g			
RGB	NO			
Temperature Alert	NO			
OEM/ODM	YES			
4KB Random Wirte	190096			
4KB Random Read	205870			
Internal/External	Internal			
Operating Voltage	3.3V			
Operating Temperature	0~70℃			
Storage Temperature	-40~85℃			
Warranty	3 Years			
Nand Flash Type	TLC/QLC			
MTBF	1500000h			
Item Demension	22*80*3MM			
Box Packing Size	120x60x15mm			
Certificate	CE、FCC、ROHS、KC			
Application	PC/NB/Server/All in one PCetc			
Controller	SMI/Yeestor/Realtek/Maxio etc			
Flash Brand	Intel/Micron/SAMSUNG/SK Hynix/SanDisk/Kioxia/YMTC			

Note:

Speed measurement is for reference only (Speed measurement is slightly different for different computer configurations)

Model Name	G38-NVME-128GB	G38-NVME-256GB	G38-NVME-512GB	G38-NVME-1TB	G38-NVME-2TB
Capacity	128GB	256GB	512GB	1TB	2TB
Max Sequential Read	2170MB/s	2022MB/s	2476MB/s	2372MB/s	3485MB/s
Max Sequential Write	608MB/s	1332MB/s	1762MB/s	1813MB/s	3218MB/s
Product Series	NVMe(PCIE) Series SSD				
Interface Type	NVMe(PCIE Gen3)				
Origin	CN(Origin)				
Brand	KingDian				
Transport Protocol	PCIe				
Net Weight	15g				
Gross Weight	45g				
Temperature Alert	NO				
RGB	NO				
OEM/ODM	YES				
Cache	None				
Nand Flash Type	TLC/QLC				
4KB Random Wirte	76113				
4KB Random Read	113343				
Internal/External	Internal				
Operating Voltage	3.3V				
Operating Temperature	0~70℃				
Storage Temperature	-40~85℃				
Warranty	3 Years				
MTBF	1500000h				
Item Demension	22*80*3MM				
Box Packing Size	120x60x15mm				
Certificate	CE、FCC、ROHS、KC				
Application	PC/NB/Server/All in one PCetc				
Controller	SMI/Yeestor/Realtek/Maxio etc				
Flash Brand	Intel/Micron/SAMSUNG/SK Hynix/SanDisk/Kioxia/YMTC				

Note:

Speed measurement is for reference only (Speed measurement is slightly different for different computer configurations)

G38 NVME M.2 Series

G48 NVME M.2 Series

Model Name	G48-NVME-256GB	G48-NVME-512GB	G48-NVME-1TB	G48-NVME-2TB	G48-NVME-4TB
Capacity	256GB	512GB	1TB	2TB	4TB
Max Sequential Read	2395MB/s	5065MB/s	5085MB/s	5095MB/s	5350MB/s
Max Sequential Write	1435MB/s	2745MB/s	4635MB/s	4048MB/s	4535MB/s
Product Series	NVMe(PCIE) Series SSD				
Interface Type	NVMe(PCIE Gen4)				
Origin	CN(Origin)				
Brand	KingDian				
Transport Protocol	PCIe				
Net Weight	15g				
Gross Weight	45g				
Temperature Alert	NO				
RGB	NO				
OEM/ODM	YES				
Cache	None				
Nand Flash Type	TLC/QLC				
4KB Random Wirte	488754				
4KB Random Read	154030				
Internal/External	Internal				
Operating Voltage	3.3V				
Operating Temperature	0~70°C				
Storage Temperature	-40~85°C				
Warranty	3 Years				
MTBF	1500000h				
Item Demension	22*80*3MM				
Box Packing Size	120x60x15mm				
Certificate	CE、FCC、ROHS、KC				
Application	PC/NB/Server/All in one PCetc				
Controller	SMI/Yeestor/Realtek/Maxio etc				
Flash Brand	Intel/Micron/SAMSUNG/SK Hynix/SanDisk/Kioxia/YMTC				

Note:

Speed measurement is for reference only (Speed measurement is slightly different for different computer configurations)

Model Name-GEN3	G33-NVME-128GB	G33-NVME-256GB	G33-NVME-512GB	G33-NVME-1TB	G33-NVME-2TB
Capacity	128GB	256GB	512GB	1TB	2TB
Max Sequential Read	910MB/s	1825MB/s	2250MB/s	2350MB/s	3508MB/s
Max Sequential Write	630MB/s	1168MB/s	1735MB/s	2035MB/s	3195MB/s
Model Name-GEN4	G43-NVME-128GB	G43-NVME-256GB	G43-NVME-512GB	G43-NVME-1TB	G43-NVME-2TB
Capacity	128GB	256GB	512GB	1TB	2TB
Max Sequential Read	1215MB/s	2215MB/s	4806MB/s	4722MB/s	4735MB/s
Max Sequential Write	780MB/s	1235MB/s	2434MB/s	4200MB/s	4215MB/s
Product Series	NVMe(PCIE)Series SSD				
Interface Type	NVMe(PCIE Gen3/4)				
Origin	CN(Origin)				
Brand	KingDian				
Transport Protocol	PCIe				
Net Weight	10g				
Gross Weight	25g				
Temperature Alert	NO				
RGB	NO				
OEM/ODM	YES				
Cache	None				
Nand Flash Type	TLC/QLC				
4KB Random Wirte	76113				
4KB Random Read	113343				
Internal/External	Internal				
Operating Voltage	3.3V				
Operating Temperature	0~70℃				
Storage Temperature	-40~85℃				
Warranty	3 Years				
MTBF	1500000h				
Item Demension	22*30*3MM				
Box Packing Size	120x60x15mm				
Certificate	CE、FCC、ROHS、KC				
Application	PC/NB/Server/All in one PCetc				
Controller	SMI/Yeestor/Realtek/Maxio etc				
Flash Brand	Intel/Micron/SAMSUNG/SK Hynix/SanDisk/Kioxia/YMTC				

Note:

Speed measurement is for reference only (Speed measurement is slightly different for different computer configurations)

NVME 22X30 Series

G34 NVME M.2 Series

Model Name	G34-NVME-128GB	G34-NVME-256GB	G34-NVME-512GB	G34-NVME-1TB	G34-NVME-2TB
Capacity	128GB	256GB	512GB	1TB	2TB
Max Sequential Read	2170MB/s	2022MB/s	2476MB/s	2372MB/s	3485MB/s
Max Sequential Write	608MB/s	1332MB/s	1762MB/s	1813MB/s	3218MB/s
Product Series	NVMe(PCIE) Series SSD				
Interface Type	NVMe(PCIE Gen3)				
Origin	CN(Origin)				
Brand	KingDian				
Transport Protocol	PCIe				
Net Weight	12g				
Gross Weight	30g				
Temperature Alert	NO				
RGB	NO				
OEM/ODM	YES				
Cache	None				
Nand Flash Type	TLC/QLC				
4KB Random Wirte	76113				
4KB Random Read	113343				
Internal/External	Internal				
Operating Voltage	3.3V				
Operating Temperature	0~70℃				
Storage Temperature	-40~85℃				
Warranty	3 Years				
MTBF	1500000h				
Item Demension	22*42*3MM				
Box Packing Size	120x60x15mm				
Certificate	CE、FCC、ROHS、KC				
Application	PC/NB/Server/All in one PCetc				
Controller	SMI/Yeestor/Realtek/Maxio etc				
Flash Brand	Intel/Micron/SAMSUNG/SK Hynix/SanDisk/Kioxia/YMTC				

Note:

Speed measurement is for reference only (Speed measurement is slightly different for different computer configurations)

Model Name	N400-32GB	N400-64GB	N400-128GB	N400-256GB	N400-512GB	N400-1TB
Capacity	32GB	64GB	128GB	256GB	512GB	1TB
Max Sequential Read	248MB/s	547MB/s	527MB/s	500MB/s	543MB/s	514MB/s
Max Sequential Write	166MB/s	293MB/s	506MB/s	450MB/s	515MB/s	511MB/s
Product Series	NGFF(M.2) 22x42 Series SSD					
Interface Type	M.2 NGFF(6.0 Gb/s)					
Origin	CN(Origin)					
Brand	KingDian					
Transport Protocol	AHCI					
Net Weight	10g					
Gross Weight	40g					
RGB	NO					
Temperature Alert	NO					
OEM/ODM	YES					
Cache	None					
4KB Random Wirte	74714					
4KB Random Read	50206					
Internal/External	Internal					
Operating Voltage	3.3V					
Operating Temperature	0~70℃					
Storage Temperature	-40~85℃					
Warranty	3 Years					
Nand Flash Type	TLC/QLC					
MTBF	1000000h					
Item Demension	22*42*3MM					
Box Packing Size	120x60x15mm					
Certificate	CE、FCC、ROHS、KC					
Application	PC/NB/Server/All in one PCetc					
Controller	SMI/Yeestor/Realtek/Maxio etc					
Flash Brand	Intel/Micron/SAMSUNG/SK Hynix/SanDisk/Kioxia/YMTC					

Note:

Speed measurement is for reference only (Speed measurement is slightly different for different computer configurations)

NGFF 22X42 Seires

NGFF22X80 Series

Model Name	N480-64GB	N480-128GB	N480-256GB	N480-512GB	N480-1TB	N480-2TB
Capacity	64GB	128GB	256GB	512GB	1TB	2TB
Max Sequential Read	475MB/s	519MB/s	547MB/s	549MB/s	515MB/s	545MB/s
Max Sequential Write	305MB/s	464MB/s	465MB/s	520MB/s	511MB/s	510MB/s
Product Series	NGFF(M.2)2280 Series SSD					
Interface Type	M.2 NGFF(6.0 Gb/s)					
Origin	CN(Origin)					
Brand	KingDian					
Transport Protocol	AHCI					
Net Weight	15g					
Gross Weight	45g					
RGB	NO					
Temperature Alert	NO					
OEM/ODM	YES					
Cache	None					
4KB Random Wirte	72943					
4KB Random Read	55681					
Internal/External	Internal					
Operating Voltage	3.3V					
Operating Temperature	0~70℃					
Storage Temperature	-40~85℃					
Warranty	3 Years					
Nand Flash Type	TLC/QLC					
MTBF	1000000h					
Item Demension	22*80*3MM					
Box Packing Size	120x60x15mm					
Certificate	CE、FCC、ROHS、KC					
Application	PC/NB/Server/All in one PCetc					
Controller	SMI/Yeestor/Realtek/Maxio etc					
Flash Brand	Intel/Micron/SAMSUNG/SK Hynix/SanDisk/Kioxia/YMTC					

Note:

Speed measurement is for reference only (Speed measurement is slightly different for different computer configurations)

Model Name	M100-32GB	M200-64GB	M280-128GB	M280-256GB	M280-512GB	M280-1TB
Capacity	32GB	64GB	128GB	256GB	512GB	1TB
Max Sequential Read	282MB/s	290MB/s	538MB/s	516MB/s	550MB/s	520MB/s
Max Sequential Write	72MB/s	224MB/s	481MB/s	524MB/s	498MB/s	484MB/s
Product Series	mSATA Series SSD					
Interface Type	mSATA(3.0Gb/s 6.0Gb/s)					
Origin	CN(Origin)					
Brand	KingDian					
Transport Protocol	AHCI					
Net Weight	15g					
Gross Weight	45g					
RGB	NO					
Temperature Alert	NO					
OEM/ODM	YES					
Cache	None					
4KB Random Wirte	68930					
4KB Random Read	40627					
Internal/External	Internal					
Operating Voltage	3.3V					
Operating Temperature	0~70℃					
Storage Temperature	-40~85℃					
Warranty	3 Years					
Nand Flash Type	TLC/QLC					
MTBF	1000000h					
Item Demension	50*30*3MM					
Box Packing Size	120x60x15mm					
Certificate	CE、FCC、ROHS、KC					
Application	PC/NB/Server/All in one PCetc					
Controller	SMI/Yeestor/Realtek/Maxio etc					
Flash Brand	Intel/Micron/SAMSUNG/SK Hynix/SanDisk/Kioxia/YMTC					

Note:

Speed measurement is for reference only (Speed measurement is slightly different for different computer configurations)

M SATA Series

SATA2 2.5Inch Series

Model Name	S100-8GB	S100-16GB	S100-32GB
Capacity	8GB	16GB	32GB
Max Sequential Read	102MB/s	203MB/s	529MB/s
Max Sequential Write	13MB/s	26MB/s	328MB/s
Product Series	2.5Inch SATA2 Series SSD		
Interface Type	SATAII (3.0 Gb/s)		
Origin	CN(Origin)		
Brand	KingDian		
Transport Protocol	AHCI		
Net Weight	40g		
Gross Weight	70g		
RGB	NO		
Temperature Alert	NO		
OEM/ODM	YES		
Cache	None		
4KB Random Wirte	72912		
4KB Random Read	33658		
Internal/External	Internal		
Operating Voltage	5V		
Operating Temperature	0~70℃		
Storage Temperature	-40~85℃		
Warranty	3 Years		
Nand Flash Type	MLC		
MTBF	2000000h		
Item Demension	100*70*9MM		
Box Packing Size	120x60x15mm		
Certificate	CE、FCC、ROHS、KC		
Application	PC/NB/Server/All in one PCetc		
Controller	SMI/Yeestor/Realtek/Maxio etc		
Flash Brand	Intel/Micron/SAMSUNG/SK Hynix/SanDisk/Kioxia/YMTC		

Note:

Speed measurement is for reference only (Speed measurement is slightly different for different computer configurations)

Model Name	S100+8GB	S100+16GB	S100+32GB
Capacity	8GB	16GB	32GB
Max Sequential Read	102MB/s	203MB/s	219MB/s
Max Sequential Write	13MB/s	26MB/s	52MB/s
Product Series	1.8Inch SATA2 Series SSD		
Interface Type	SATAII(3.0Gb/s)		
Origin	CN(Origin)		
Brand	KingDian		
Transport Protocol	AHCI		
Net Weight	25g		
Gross Weight	45g		
RGB	NO		
Temperature Alert	NO		
OEM/ODM	YES		
Cache	None		
4KB Random Wirte	72912		
4KB Random Read	33658		
Internal/External	Internal		
Operating Voltage	5V		
Operating Temperature	0~70℃		
Storage Temperature	-40~85℃		
Warranty	3 Years		
Nand Flash Type	MLC		
MTBF	2000000h		
Item Demension	54.1*39*5MM		
Box Packing Size	120x60x15mm		
Certificate	CE、FCC、ROHS、KC		
Application	PC/NB/Server/All in one PCetc		
Controller	SMI/Yeestor/Realtek/Maxio etc		
Flash Brand	Intel/Micron/SAMSUNG/SK Hynix/SanDisk/Kioxia/YMTC		

Note:

Speed measurement is for reference only (Speed measurement is slightly different for different computer configurations)

SATA2 1.8Inch Series

SATA2 Half Slim Series

Model Name	H100 8GB	H100 16GB	H100 32GB
Capacity	8GB	16GB	32GB
Max Sequential Read	102MB/s	203MB/s	219MB/s
Max Sequential Write	13MB/s	26MB/s	52MB/s
Product Series	Halfslim SATA2 Series SSD		
Interface Type	SATAII (3.0 Gb/s)		
Origin	CN(Origin)		
Brand	KingDian		
Transport Protocol	AHCI		
Net Weight	15g		
Gross Weight	35g		
RGB	NO		
Temperature Alert	NO		
OEM/ODM	YES		
Cache	None		
4KB Random Wirte	72912		
4KB Random Read	33658		
Internal/External	Internal		
Operating Voltage	5V		
Operating Temperature	0~70°C		
Storage Temperature	-40~85°C		
Warranty	3 Years		
Nand Flash Type	MLC		
MTBF	2000000h		
Item Demension	54*38*3MM		
Box Packing Size	120x60x15mm		
Certificate	CE、FCC、ROHS、KC		
Application	PC/NB/Server/All in one PCetc		
Controller	SMI/Yeestor/Realtek/Maxio etc		
Flash Brand	Intel/Micron/SAMSUNG/SK Hynix/SanDisk/Kioxia/YMTC		

Note:

Speed measurement is for reference only (Speed measurement is slightly different for different computer configurations)

Model Name	KDS900 32GB	KDS900 64GB	KDS900 128GB	KDS900 256GB	KDS900 512GB	KDS900 1TB	KDS900 2TB
Capacity	32GB	64GB	128GB	256GB	512GB	1TB	2TB
Max Sequential Read	217MB/s	475MB/s	560MB/s	560MB/s	560MB/s	560MB/s	560MB/s
Max Sequential Write	192MB/s	305MB/s	460MB/s	500MB/s	520MB/s	550MB/s	560MB/s
Product Series	2.5 Inch Industrial KDS900 Series SSD						
Interface Type	SATAIII(6.0 Gb/s)						
Origin	CN(Origin)						
Brand	KingDian						
Transport Protocol	AHCI						
Net Weight	50g						
Gross Weight	80g						
RGB	NO						
Temperature Alert	NO						
OEM/ODM	YES						
Cache	None						
4KB Random Wirte	70000						
4KB Random Read	61000						
Internal/External	Internal						
Operating Voltage	5V						
Operating Temperature	-20~70℃						
Storage Temperature	-40~85℃						
Warranty	3 Years						
Nand Flash Type	MLC/TLC						
MTBF	2000000h						
Item Demension	100*70*7MM						
Box Packing Size	145x90x17mm						
Certificate	CE、FCC、ROHS、KC						
Application	PC/NB/Server/All in one PCetc						
Controller	SMI/Yeestor/Realtek/Maxio etc						
Flash Brand	Intel/Micron/SAMSUNG/SK Hynix/SanDisk/Kioxia/YMTC						

Note:

Speed measurement is for reference only (Speed measurement is slightly different for different computer configurations)

2.5Inch SATA3 Industrial SSD

MSATA Industrial SSD

Model Name	KDM900 32GB	KDM900 64GB	KDM900 128GB	KDM900 256GB	KDM900 512GB	KDM900 1TB
Capacity	32GB	64GB	128GB	256GB	512GB	1TB
Max Sequential Read	217MB/s	475MB/s	560MB/s	560MB/s	560MB/s	560MB/s
Max Sequential Write	192MB/s	305MB/s	460MB/s	500MB/s	520MB/s	550MB/s
Product Series	mSATA Industrial Series SSD					
Interface Type	mSATA(6.0 Gb/s)					
Origin	CN(Origin)					
Brand	KingDian					
Transport Protocol	AHCI					
Net Weight	15g					
Gross Weight	45g					
RGB	NO					
Temperature Alert	NO					
OEM/ODM	YES					
Cache	None					
4KB Random Wirte	70000					
4KB Random Read	61000					
Internal/External	Internal					
Operating Voltage	3.3V					
Operating Temperature	-20~75℃					
Storage Temperature	-40~85℃					
Warranty	3 Years					
Nand Flash Type	MLC/TLC					
MTBF	2000000h					
Item Demension	50*30*3MM					
Box Packing Size	120x60x15mm					
Certificate	CE、FCC、ROHS、KC					
Application	PC/NB/Server/All in one PCetc					
Controller	SMI/Yeestor/Realtek/Maxio etc					
Flash Brand	Intel/Micron/SAMSUNG/SK Hynix/SanDisk/Kioxia/YMTC					

Note:

Speed measurement is for reference only (Speed measurement is slightly different for different computer configurations)

Model Name	KIN400 32GB	KIN400 64GB	KIN400 128GB	KIN400 256GB	KIN400 512GB	KIN400 1TB
Capacity	32GB	64GB	128GB	256GB	512GB	1TB
Max Sequential Read	217MB/s	475MB/s	560MB/s	560MB/s	560MB/s	560MB/s
Max Sequential Write	192MB/s	305MB/s	460MB/s	500MB/s	520MB/s	550MB/s
Product Series	Industrial NGFF(M.2)22x42 Series SSD					
Interface Type	M.2 NGFF(6.0 Gb/s)					
Origin	CN(Origin)					
Brand	KingDian					
Transport Protocol	AHCI					
Net Weight	10g					
Gross Weight	40g					
RGB	NO					
Temperature Alert	NO					
OEM/ODM	YES					
Cache	None					
4KB Random Wirte	70000					
4KB Random Read	61000					
Internal/External	Internal					
Operating Voltage	3.3V					
Operating Temperature	-20~70℃					
Storage Temperature	-40~85℃					
Warranty	3 Years					
Nand Flash Type	MLC/TLC					
MTBF	2000000h					
Item Demension	22*42*3MM					
Box Packing Size	120x60x15mm					
Certificate	CE、FCC、ROHS、KC					
Application	PC/NB/Server/All in one PCetc					
Controller	SMI/Yeestor/Realtek/Maxio etc					
Flash Brand	Intel/Micron/SAMSUNG/SK Hynix/SanDisk/Kioxia/YMTC					

Note:

Speed measurement is for reference only (Speed measurement is slightly different for different computer configurations)

NGFF 22x42 Industrial SSD