



SSD Solutions

Your essential guide to Solid State Storage

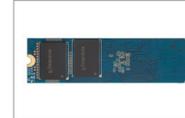


2016

Solid State Storage Solutions

Form Factor	2.5" SSD							1.8" SSD	
Image									
Brand	Kingston	Kingston	Kingston	Kingston	Kingston	Novachips	Novachips	Innodisk	Innodisk
Product Title	E50	UV400	KC400	HyperX Savage	HyperX Fury	Express Series	Scaler Series	3SE	3MG2-P
Interface	SATA 3	SATA 3	SATA 3	SATA 3	SATA 3	PCIe -NVMe (U.2)	SATA 3.1 AHCI	SATA 3	SATA 3
Flash type	MLC	TLC	MLC	MLC	MLC	MLC / pSLC	MLC / pSLC	SLC	MLC
Capacities	100GB-480GB	120GB-960GB	8GB-2TB	120GB-960GB	120GB-480GB	256GB-8TB	125GB-8TB	8GB-256GB	32GB-1TB
Height	7mm	7mm	7mm	7mm	7mm	9.5 & 15mm	7 & 15mm	5mm	5mm
Operating Temp.	0°C to 70°C	0°C to 70°C	0°C to 70°C	0°C to 70°C	0°C to 70°C	-40°C to 85°C	-40°C to 85°C	-40°C to 85°C	0°C to 70°C
Read/Write MB/s (MAX)	550/530	550/500	550/530	560/530	500/500	1.5GB/1.5GB	540/500	490/430	520/450
Hardware Write Protect	✗	✗	✗	✗	✗	✓	✓	✗	✗
SMART	✓	✓	✓	✓	✓	✓	✓	✓	✓
DRAM Buffer	✗	✗	✗	✗	✗	✓	✓	✓	✓
ATA Security	✓	✗	✗	✗	✗	✓	✓	✓	✓
Thermal Sensor	✗	✗	✗	✗	✗	✓	✓	✗	✓
TRIM	✗	✗	✗	✗	✗	✓	✓	✓	✓
Power Protection	✓	✗	✗	✗	✗	✓	✓	✗	✓
Warranty	3 Years	Limited 3 Year	Limited 5 Year	3 years	3 years	5 years	5 years	5 years	3 years
Sector	Enterprise	Consumer	Business	Consumer	Consumer	Industrial	Industrial	Industrial	Industrial

Solid State Storage Solutions

Form Factor	M.2							AIC
Image								
Brand	ATP	ATP	Innodisk	Innodisk	Innodisk	Innodisk	Kingston	Kingston
Product Title	2242-D2-B-M	2242-D2-B-M	2442-3ME	2442-3SE	3MG2-P	S80 3MG2-P	G2	HyperX Predator
Interface	SATA 3	SATA 3	SATA 3	SATA 3	SATA 3	SATA 3	SATA 3	PCIe Gen 2.0x4
Flash type	MLC	SLC	MLC	SLC	MLC	MLC	MLC	
Capacities	8GB – 128GB	8GB-64GB	4GB-64GB	8GB-256GB	128-512GB	16GB-512GB	120GB-480GB	240GB/480GB
Operating Temp.	0°C to 70°C	-40°C to 85°C	-40°C to 85°C	-40°C to 85°C	-40°C to 85°C	-40°C to 85°C	0°C to 70°C	0°C to 70°C
Read/Write MB/s (MAX)	520/150	530/400	360/65	290/130	410/430	520/450	550/520	1400/1000
Hardware Write Protect	✗	✗	✓	✓	✓	✗	✗	✗
SMART	✓	✓	✓	✓	✓	✓	✓	✗
DRAM Buffer	✓	✓	✗	✗	✓	✓	✗	✗
ATA Security	✓	✓	✓	✓	✓	✓	✗	✗
Thermal Sensor	✗	✗	✗	✗	✓	✗	✗	✗
TRIM	✓	✓	✗	✗	✓	✓	✗	✗
Power Protection	✓	✓	✗	✓	✓	✓	✗	✗
Warranty	2 years	5 years	2 years	5 years	3 years	2 years	Limited 5 year	2 years
Sector	Industrial	Industrial	Industrial	Industrial	Industrial	Industrial	Corporate	Consumer

Solid State Storage Solutions

Form Factor	mSATA				slimSATA			ServerDOM	
Image									
Brand	Innodisk	Innodisk	ATP	Kingston	Innodisk	Innodisk	ATP	Innodisk	Innodisk
Product Title	3ME2	3ME3	mSATA	mS200	3MG2-P	3ME2	SATA Slim	ServerDOM-L 3ME	ServerDom-H 3ME
Interface	SATA 3	SATA 3	SATA 3	SATA 3	SATA 3	SATA 3	SATA 3	SATA 3	SATA 3
Flash type	MLC	SLC	SLC/MLC/pSLC/AMLC	MLC	MLC	MLC	SLC/MLC/pSLC/AMLC	MLC	MLC
Capacities	16GB-256GB	4GB-64GB	4GB-128GB	30GB-480GB	8GB-128GB	32GB-256GB	2GB-512GB	8GB-64GB	8GB-64GB
Operating Temp.	-40°C to 85°C	-40°C to 85°C	-40°C to 85°C	0°C to 70°C	-40°C to 85°C	-40°C to 85°C	-40°C to 85°C	0°C to 70°C	0°C to 70°C
Read/Write MB/s (MAX)	440/150	430/130	420/120	550/510	520/165	470/160	530/440	480/160	480/160
Hardware Write Protect	✓	✓	✓	✗	✓	✗	✓	✗	✗
SMART	✓	✓	✓	✗	✓	✓	✓	✓	✓
DRAM Buffer	✓	✓	✓	✗	✓	✗	✗	✗	✗
ATA Security	✓	✓	✓	✗	✓	✓	✓	✓	✓
Thermal Sensor	✗	✗	✗	✗	✓	✓	✓	✗	✗
TRIM	✓	✓	✓	✓	✓	✓	✗	✗	✗
Power Protection	✓	✓	✓	✗	✗	✓	✓	✗	✗
Warranty	2 years	5 years	2 years	3 years	2 years	Up to 5 years	Up to 5 years	2 years	2 years
Sector	Industrial	Industrial	Industrial	Enterprise	Industrial	Industrial	Industrial	Industrial	Industrial

Simms offers a wide range of additional services for certain products which include:

Technical Support

Our technical team are experts in memory and storage who deal with engineers daily. Between them they have over 90 years of experience.

Deal/Project Registration

We offer a project registration service ensuring that costs are reduced, supply is managed and the build of materials is locked down giving you a competitive price advantage.

Market Development

We offer partner marketing programmes for our vendors and customers which includes incentives, POS, catalogues, direct mail and e-updates.

Special Price Notification

We can secure special pricing on large quantities of memory and storage so you are price protected up to a month depending on product.

Formatting Modes

Often legacy systems rely on specific settings that are non-standard. We have extensive experience with most user applications that face these problems and can advise customers which settings will be required for compatibility and change them accordingly.

Configuration support

Our technical experts can help you configure your device to ensure optimum performance.

Customisation

Some of the products we offer can be customised. Co-logo, serialisation, content load, casing colour, artwork and packaging are some of the options available.

Controlled BOM

Having a controlled Fixed Build of Materials can save you money and guarantee that the same components are used every time to meet the requirements of your system.

Quality & Compliance

Simms is ISO9001 accredited. All of our vendors follow strict industry manufacturing and quality guidelines.

Custom Firmware

Industrial flash device manufacturers offer in-house firmware design and adapt off the shelf controllers to enhance functionality. They can also add or remove features as desired.

Call-off

We offer a call off facility up to 60 months*, depending on the project and manufacturer.

Obsolescence / PCN

Simms offers Obsolescence and Part Change notification for most of its products to manage buying cycle and Last Time Buy options for your systems.

Content Upload

We have the in house capability of uploading content onto your devices regardless of file size and ensure the content mirrors exactly what has been provided.

FAR

We can provide a Failure Analysis Reporting function to help identify and manage potential risk. These include; next day consultation, local customisation, Advanced RMA procedure and evaluation reports.

RMA

We offer a repair, replacement or exchange service on all our SSDs, subject to terms and conditions.

Contact your Simms account manager to see how we can tailor a bespoke SSD package for your application. *subject to terms and conditions

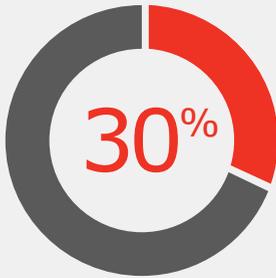
26 Years of trading

2015 Over **4.1 million** units shipped, **800,000** more than 2014

28,312 Orders processed

20,000 Units shipped each week on average

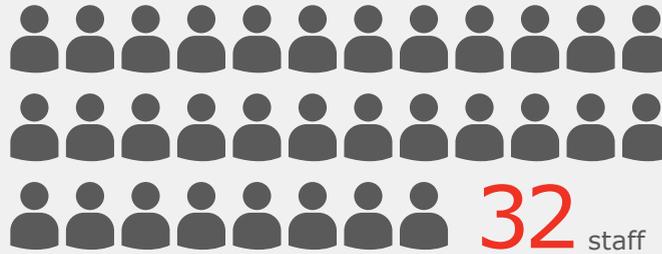
Meet the team



10 + years service



5 + years service



32 staff

9 Brands

Over **12,000** part codes in our system

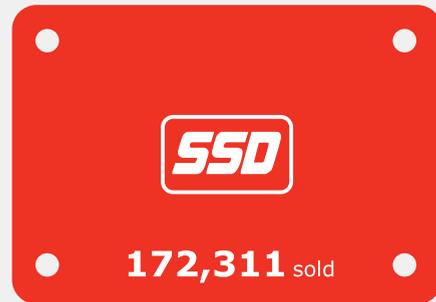
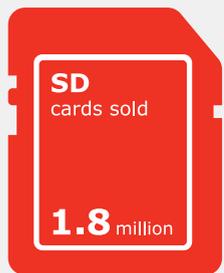
Capacities offered **512KB-8TB**

Over **15,000** legacy cards shipped (ATA, SRAM, Linear flash)

17 Different form factors

Largest distributor of Kingston products by value and volume in the UK:

Consumer **45%**
Corporate **27%**
Industrial **28%**



Simms International plc
Northdown Business Park
Ashford Road
Lenham
Kent ME17 2DL

+44 (0) 1622 852800
sales@simms.co.uk
www.simms.co.uk

