



Encrypted Solutions

Your essential guide to encrypted data storage



2016

Are you **GDPR** Ready?

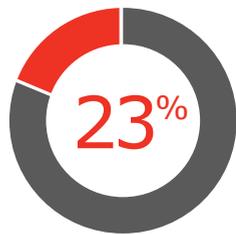
The General Data Protection Regulation is a new EU legislation which aims to strengthen and future-proof data protection rights throughout the European Union and beyond.



Did you know?

By 2018 businesses must comply with the new GDPR or they could face fines of up to €20 million or 4% of annual turnover in case of a data breach

The GDPR isn't just aimed at EU based businesses, but all organisations which process data of EU residents



The average cost of a data breach increased by 23% since 2013

€3.7m

The average cost of a data breach for large organisations in the EU

2016

Adoption of the new regulation. Businesses have 2 years to comply

2018

Complete implementation and strict enforcement of the EU GDPR

Protect your business and secure data on the move with our encrypted solutions

USB Flash Drives

Sector	Consumer		Business & Enterprise						
Image									
Brand	Kingston	Apricorn	Kingston	Kingston	Kingston	Kingston	Safexs	Safexs	Kingston
Product Title	DataTraveler Locker+ G3	Aegis Secure Key 3.0	DataTraveler Vault Privacy 3.0	DataTraveler 4000 G2	IronKey Basic D250	IronKey Enterprise S1000	Protector 3.0	Protector XT	IronKey Workspace W700*
Part Number	DTLPG3/xxGB	ASK3-xxGB	DTPV30xx/xxGB	DT4000G2xx/xxGB	IKD250B/xxGB	IKS1000E/xxGB	SXSP-xxGB	SXSPXT-xxGB	IKW700/xxGB
Capacities	8GB-64GB	8GB-480GB	4GB-64GB	4GB-64GB	2GB-64GB	4GB-128GB	4GB-64GB	4GB-64GB	32GB-128GB
Read/Write MB/s (MAX)	135 / 40	195 / 162	250 / 85	250 / 85	29 / 13	400/300	165 / 95	165 / 95	400 / 316
USB 3.1/ 3.0 Compatibility	✓	✓	✓	✓	✗	✓	✓	✓	✓
Optional Anti-virus solution	✗	✗	✓	✗	✗	✓	✓	✓	✗
Password protection & security	Hardware encryption & password protection	256-bit AES XTS	256-bit AES XTS	256-bit AES XTS	256-bit AES CBC	256-bit AES XTS	256-bit AES XTS	256-bit AES XTS	256-bit AES XTS
Managed Solution	✗	✗	✓	✓	Managed solution available	✓	✗	✗	✓
FIPS Validated	✗	140-2 Level 3	FIPS 197	140-2 Level 3	140-2 Level 3	140-2 Level 3	FIPS 197	FIPS 197	140-2 Level 3
Case	Metal	Aluminium, waterproof IP58	Aluminium, waterproof IPX8	Titanium coated, waterproof IPX8	Tamper-resistant metal, waterproof MIL-STD-810F	Tamper-resistant metal, waterproof MIL-STD-810F	Aluminium housing	Ultra strong metal alloy	Tamper-resistant metal, waterproof MIL-STD-810F
Warranty	5 years	3 years limited	5 years	5 years	5 years	5 years	3 years	3 years	2 years

*Not a storage device. Certified by Microsoft® for use with Windows To Go. Windows 8 Enterprise or Windows 10 Enterprise is required but is not pre-loaded on these drives



External Solid State Drives & Hard Disk Drives

Sector	Business & Enterprise								
Image									
Brand	Apricorn	Apricorn	DataLocker	Apricorn	Apricorn	Apricorn	DataLocker	DataLocker	
Product Title	Aegis Padlock 3.0	Aegis Bio 3.0	IronKey H300	Aegis Padlock DT FIPS	Aegis Padlock Fortress	Aegis Padlock SSD	IronKey H200	IronKey	
Part Number	A25-3PL256-xxxx	A25-3BIO256-xxxx	MXKB1BXXX-X	ADT-3PL256F-xxxx	A25-3PL256-xxxxF	ASSD-3PL256-xxxF	MXCA1BXXXFIPS	MXKB1BXXXFIPS-X	
Capacities	HDD: 500GB-2TB SSD: 128GB-1TB	HDD: 500GB-2TB SSD: 128GB-512GB	HDD: 500GB-2TB	HDD: 2TB-8TB	HDD: 500GB-2TB SSD: 128GB-1TB	SSD: 120GB-480GB	HDD: 320GB-1TB	HDD: 500GB-2TB	
Form Factor	Portable Drive	Portable Drive	Portable Drive	Desktop Drive	Portable Drive	Rugged Portable Drive	Portable Drive	Rugged Portable Drive	
USB 3.1/ 3.0 Compatibility	✓	✓	✓	✓	✓	✓	✗	✓	
Optional Anti-virus solution	✗	✗	✓	✗	✗	✗	✓	✓	
Password protection & security	256-bit AES XTS	256-bit AES XTS	256-bit AES XTS	256-bit AES XTS	256-bit AES XTS	256-bit AES XTS	256-bit AES CBC	256-bit AES XTS	
Managed Solution	✗	✗	✓	✗	✗	✗	✓	✓	
FIPS Validated	✗	✗	✗	140-2 Level 2	140-2 Level 2	140-2 Level 2	140-2 Level 3	140-2 Level 3	
Case	Rugged, shock mounted design	Rugged biometric design	Tamper-resistant, strong aluminium	Sturdy, heat-dissipating aluminium	Water & dust resistant casing	Aluminium crush, water & dust resistant	Rugged metal design	Tamper-resistant, strong aluminium	
Warranty	3 year limited	3 year limited	5 years	1 year limited	3 year limited	3 year limited	5 years	5 years	

Internal Solid State Drives

Sector	Industrial						
Image							
Brand	Innodisk	Innodisk	Novachips	Novachips	Novachips	Novachips	Novachips
Product Title	mSATA 3MG2-P AES	2.5" SATA SSD 3MG2-P AES	M.2 Scalar 360 Series	M.2 Scalar 370 Series	2.5" Scalar 360 Series	2.5" Scalar 370 Series	1.8" Scalar 370 Series
Part Number	DGMSR-xxGD82xAxN	DGS25-xxGD825xAQN(P)	NS360IxxxGCE7	NS370C0xT0CE7	NS360IxxxCCx	NS370CxxxxCCx	NS370IxxxxxB3
Capacities	16GB – 512GB	64GB – 1TB	125GB – 500GB	1TB	60GB -1TB	500GB – 8TB	500GB – 2TB
Height	3.6mm	6.8mm	1.5mm	1.5mm	7mm	7mm & 15mm	8mm
Read/Write MB/s (MAX)	530 / 370	520 / 360	520 / 400	520 / 400	520 / 500	520 / 500	520 / 500
Form Factor	mSATA	2.5"	M.2 2280	M.2 2280	2.5"	2.5"	1.8"
Interface	SATA 3	SATA 3	SATA 3	SATA 3	SATA 3	SATA 3	SATA 3
Flash Type	MLC	MLC	MLC	pSLC/MLC (HLNAND)	MLC	pSLC/MLC (HLNAND)	pSLC/MLC (HLNAND)
Operating Temperature	0°C ~ +70°C -40°C ~ +85°C	0°C ~ +70°C -40°C ~ +85°C	-40°C ~ +85°C	-40°C ~ +85°C	-40°C ~ +85°C	-40°C ~ +85°C	-40°C ~ +85°C
Max Power Consumption	5.4W	6W	5.54W	5.54W	5.2W	6.09W	3.4W
Hardware Write Protect	✓	✗	✗	✗	✗	✗	✗
SMART	✓	✓	✓	✓	✓	✓	✓
DRAM Buffer	✓	✓	✓	✓	✓	✓	✓
Thermal Sensor	✓	✓	✓	✓	✓	✓	✓
Security	256-bit AES	256-bit AES	256-bit AES TCG/Opal	256-bit AES TCG/Opal	256-bit AES TCG/Opal	256-bit AES TCG/Opal	256-bit AES TCG/Opal
FIPS Validated	✗	✗	FIPS-197	FIPS-197	FIPS-197	FIPS-197	FIPS-197
TRIM	✓	✓	✓	✓	✓	✓	✓
Power Protection	✗	✓ Optional	✓	✓	✓	✓	✓
Warranty	3 year limited	3 year limited	5 Years	5 Years	5 Years	5 Years	5 Years

This is just a selection of encrypted options Simms has available. Should you be looking for something specific or cannot find what you are looking for, contact your Simms account manager on [01622 852 800](tel:01622852800) or email sales@simms.co.uk

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 encrypted solutions, subject to terms and conditions.

*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

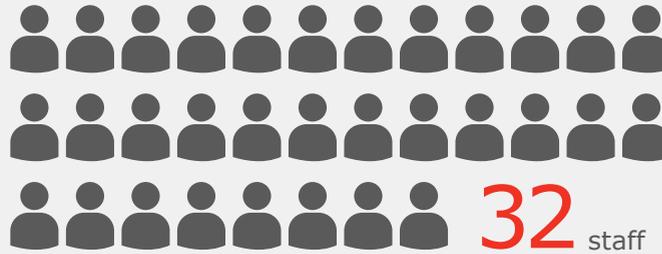
Meet the team



10 + years service



5 + years service



32 staff

9 Brands

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

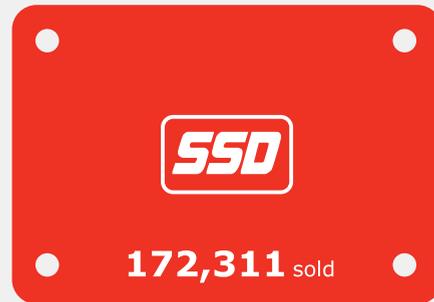
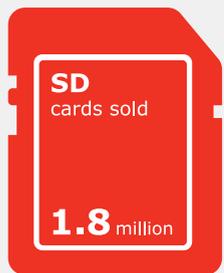
Capacities offered **512KB-8TB**

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%**



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