



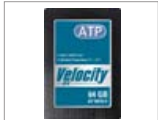









SSD Solutions

Your essential guide to Solid State Storage












2017

Solid State Storage Solutions

Form Factor	2.5"									
Image										
Brand	ATP	ATP	ATP	APRO	APRO	APRO	APRO	Innodisk	Innodisk	Innodisk
Product	Velocity MV	Velocity SII Pro	Velocity MV	PHANES-HR	BON III	Hercules - Q	Terminator - I	3MG2-P	3SE3	3IE4
Interface	SATA 3	SATA 3	SATA 3	SATA 3	SATA 3	PATA	SATA 3	SATA 3	SATA 3	SATA 3
Flash type	MLC	SLC	3D	MLC	MLC	MLC/SLC	MLC	MLC	SLC	iSLC
Capacities	64GB-512GB	8GB-256GB	128Gb - 1TB	64GB-2TB	32GB-1TB	8GB-512GB	128GB-12GB	8GB-2TB	8GB-128GB	8Gb-128GB
Height	9.5mm	9.5mm	9.5mm	7mm	9.2mm	8.9mm	9.2mm	6.8mm	9.2mm	7mm
Operating Temp.	-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	-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
Read/Write MB/s (MAX)	530/440	530/440	540/415	550/530	561/350	106/103	561/350	520/480	360/210	530/380
Hardware Write Protect	✓	✓	✓	✗	✓	✗	✓	✗	✗	✗
S.M.A.R.T	✓	✓	✓	✓	✗	✗	✓	✓	✓	✓
DRAM Buffer	✓	✓	✓	✓	✓	✗	✓	✓	✗	✗
ATA Security	✓	✓	✓	✗	✓	✗	✓	✓	✓	✓
Thermal Sensor	✓	✓	✓	✓	✗	✗	✓	✓	✓	✓
TRIM	✓	✓	✓	✓	✓	✗	✓	✓	✗	✗
Power Protection	✓	✓	✓	✓	✓	✗	✓	✓	✗	✓
Warranty	2 years	3 years	2 years	2 Years	2 Years	2/5 years	2 years	2 years	5 years	5 years
Market	Industrial	Industrial	Industrial	Industrial	Industrial	Industrial	Industrial	Industrial	Industrial	Industrial










This is just a small selection of the SSD products available, for the complete range visit our website.

Solid State Storage Solutions

Form Factor	M.2								
Image									
Brand	APRO	ATP	ATP	Innodisk	Innodisk	Innodisk	Kingston	Novachips	Novachips
Product	Phanes-I	2242/60/80	2242/60	3SE3 (S42)	3ME4 (S42)	S80 3MG2-P	G2	NS370	NS570
Interface	PCIe NVMe 3.0x4	SATA 3	SATA 3	SATA 3	SATA 3	SATA 3	SATA 3	SATA 3	PCIe NVMe Gen 4x4
Flash type	MLC	MLC/3D	SLC	SLC	MLC	MLC	MLC	HL NAND	HL NAND
Capacities	128GB-1TB	32GB-1TB	8GB-128GB	4GB-32GB	8GB-256GB	16GB-512GB	120GB-480GB	2TB-16TB	1TB-2TB
Operating Temp.	-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	-40°C to 85°C	0°C to 70°C	-40°C to 85°C	-40°C to 85°C
Read/Write MB/s (MAX)	2,800/1550	540/420	540/440	210/110	530/210	520/450	550/520	540/540	1,300/1,300
Hardware Write Protect	✗	✗	✗	✗	✓	✗	✗	✓	✓
S.M.A.R.T	✓	✓	✓	✓	✓	✓	✓	✓	✓
DRAM Buffer	✓	✓	✓	✗	✗	✓	✗	✓	✓
ATA Security	✗	✓	✓	✓	✓	✓	✗	✓	✓
Thermal Sensor	✓	✓	✓	✗	✓	✗	✗	✓	✓
TRIM	✓	✓	✓	✗	✓	✓	✓	✓	✓
Power Protection	✓	✓	✓	✗	✓	✓	✓	✓	✓
Warranty	2 years	2 years	5 years	5 years	2 years	2 years	Limited 5 year	Limited 5 year	Limited 5 year
Market	Industrial	Industrial	Industrial	Industrial	Industrial	Industrial	Corporate	Industrial	Industrial

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Solid State Storage Solutions

Form Factor	mSATA				slimSATA			ServerDOM	
Image									
Brand	Innodisk	Innodisk	ATP	Kingston	Innodisk	APRO	ATP	Innodisk	Innodisk
Product	3SE3	3ME4	mSATA	mS200	3SE3	Hermes-HR	slimSATA	ServerDOM-L 3SE	ServerDom-V 3SE
Interface	SATA 3	SATA 3	SATA 3	SATA 3	SATA 3	SATA 3	SATA 3	SATA 3	SATA 3
Flash type	SLC	MLC	MLC/3D/SLC	MLC	SLC	SLC	MLC/3D/SLC	MLC	SLC
Capacities	16GB-256GB	4GB-64GB	8GB-512GB	30GB-480GB	8GB-128GB	8GB-128GB	8GB-512GB	8GB-64GB	2GB-16GB
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	-40°C to 85°C
Read/Write MB/s (MAX)	440/150	430/130	550/450	550/510	520/165	540/348	550/440	480/160	450/200
Hardware Write Protect	✓	✓	✓	✗	✗	✗	✓	✗	✗
S.M.A.R.T	✓	✓	✓	✗	✓	✓	✓	✓	✓
DRAM Buffer	✓	✓	✓	✗	✗	✓	✗	✗	✗
ATA Security	✓	✓	✓	✗	✓	✓	✓	✓	✓
Thermal Sensor	✗	✗	✓	✗	✗	✓	✗	✗	✗
TRIM	✓	✓	✓	✓	✓	✓	✗	✗	✗
Power Protection	✓	✓	✓	✗	✗	✓	✓	✗	✗
Warranty	2 years	5 years	2 years	3 years	2 years	5 years	Up to 5 years	2 years	5 years
Market	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

2016 at Simms

Leading distributor of encrypted storage solutions in Europe

3,430,308 items shipped

30,891 orders processed



1,000,000

USB drives



281,000

DRAM modules



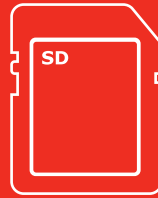
145,000

SSDs



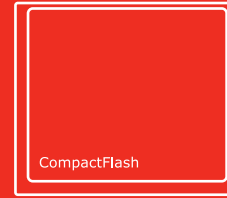
65,000

Encrypted solutions



1,600,000

SD cards



25,000

CompactFlash cards



1,579

Flash cards



76,000

Card readers



32 Miles

If all the SD cards we sold were placed end to end

317 years of combined staff experience

Form factors



466

466 trading customers



15,000

Part codes in our system



20



11 vendors

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