

Crypto mSATA SSD - SATA III (MO-300) - FIPS 140-2

**Full Disk Encryption
AES 256-bit**



64 GB

128 GB

256 GB

512 GB

INTRODUCTION

The most secure small form factor encrypted mSATA SSD available (MO-300).

If a laptop with an Integral Crypto mSATA SSD installed is lost or stolen, sensitive data is secure and cannot be accessed without the high-strength password. When the system is shut down, 256-bit full disk encryption is instigated.

Crypto mSATA SSD is the no-fuss and highly-secure solid state encryption solution for many industries including; finance, legal, health, education and government.

mSATA is a small form factor SSD that is around 8 times smaller than the typical 2.5 inch SSD / HDD available. It is ideal for adding storage to small form factor and embedded systems.

password. An optional password hint can be set-up which cannot be the same as the password. Before use a high-strength password must be set.

- **Brute-Force Password Attack Protection** - Encrypted data is automatically erased after the default 6 failed password attempts (password attempts configurable to a maximum of 20). The data and encryption key are securely destroyed and the Crypto mSATA SSD is reset and can then be reused.
- **Anti-Clone** - Crypto mSATA SSD cannot be cloned once encryption is set.
- **Tamper-Proof Design** - The electronics are sealed in tamper-proof epoxy resin.
- **High-speed Read/Write** – The Crypto mSATA SSD has both high encryption and the main benefit of a performance SSD; a high-speed sustained data transfer rate.
- **Quick Boot** - Using a Crypto mSATA SSD in place of a traditional HDD can cut your desktop computer or laptop's boot time in half.
- **No moving parts** - greater resistance to shock and vibration
- **Noise free** - no spin or seek time
- **Endpoint security software compatible** – The Integral Crypto mSATA SSD operates comfortably with endpoint security solutions by using the configurable unique ID feature, which is part of the setup program
- **Warranty** – 3 Years

FEATURES

- **Military level security with AES 256-bit hardware encryption** - More secure than a software-only solution.
- **FIPS 140-2 Validated** - Certificate No. 2126
- **mSATA form factor with SATA III 6Gbps interface (backwards compatible with SATA 3Gbps and SATA 1.5Gbps)**
- **Multi-lingual interface** – in 14 languages*

Security Features

- **Total Drive Encryption** - All data stored on the Crypto mSATA SSD is encrypted (including the Operating System).
- **Dual Password** - As an option an Administrator can setup a user password and a master override password. If the user forgets their password, the Crypto mSATA SSD can be unlocked by the Administrator and the user password reset.
- **Secure Entry** - Encrypted data cannot be accessed without the correct high-strength 8-16 character alphanumeric

APPROVED SECURITY FUNCTION	CERTIFICATE
AES (H/W implementation) • CBC (enc/dec; 256)	2175
XTS 128, XTS 256	2175
HMAC 512 HMAC 256	1335
DRBG	254
SHA 512 SHA 256	1887

*14 languages supported by the software GUI -

- Arabic
- Chinese
- Dutch
- English
- French
- German
- Hindi
- Italian
- Norwegian
- Polish
- Portuguese
- Russian
- Spanish
- Swedish

CAPACITY	PART CODE	BARCODE (EAN)
64GB	INSSD64GMSA6MCR140	5055288425866
128GB	INSSD128GMSA6MCR140	5055288425873
256GB	INSSD256GMSA6MCR140	5055288425880
512GB	INSSD512GMSA6MCR140	5055288428058

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