The Eclypt Core Hard Drive now in 7mm offers:

» A slimmer drive for the smaller device
» Solid state drive
» Greater compatibility—fits with the newest laptops currently shipping from manufacturers

**NEW »»»**

**VIASAT’S ECLYPT RANGE CONTINUES TO EVOLVE — THE ECLYPT CORE 7mm IS NOW AVAILABLE**

**ECLYPT CORE AT-A-GLANCE**

» Hardware-based full-disk encrypted hard drive that is a direct replacement for a COTS computer’s standard hard drive
» Solid State Disk (SSD) option provides increased performance, more durability, and greater operating ranges
» Complete range of protection level configurations available (600, 300, and 200) to choose from based on the security classification of your data
» Encrypts and decrypts your data immediately and invisibly with no noticeable effects on computer performance
» Independent of any operating system, application, service pack or software patch
» Unique tamper-proof and tamper-evident construction
» Data is secure even if your drive is stolen
» Requires no specialized IT knowledge
» Up to 128 user accounts per drive
» Multiple user profiles—3-tier management system
» Lifetime key
» Windows/Linux based software provides easy to use management and authentication functionality
» Supports imaging, ghosting, partitioning and diagnostic applications
» Non-volatile keys stored within tamper proof device, protected by AES-256 keywrap
» Optional Eclypt Management Software provides simultaneous management of groups of Eclypt Core and Freedom devices.

**ACCREDITED SECURE DATA-AT-REST PROTECTION**

**UNITED KINGDOM**

**CANADA**

**NATO**

- Two-factor authentication (password + token) for maximum security
- For use in desktop, laptop and tablet devices, in enterprise and tactical environments
- Solid-state drive performs in manned and unmanned mobile platforms

Available for Windows® and Linux®

**WikiLeaks. Compromised mobile platforms and overrun positions. Stolen information. »»»**

Data breach threats loom daily, putting classified and sensitive data at risk. The Viasat Eclypt Core encrypted internal hard drive protects data at rest in commercial-off-the-shelf (COTS) laptop and desktop computers in enterprise and tactical environments, as well as data stored in vehicles, aircraft, and ships. During high-risk operations, this self-encrypting hard drive protects your valuable data on manned and unmanned mobile platforms with accredited hardware-based security. In the event of computer theft, loss, or attack, the hard drive ensures that your data is completely protected and secure.

Viasat’s Eclypt technology integrates sophisticated authentication, entire-disk encryption and data storage into tamper-resistant internal or portable hardware that safeguards your data. This provides instant data protection without any noticeable adverse effects on your computer’s performance.
## Viasat Eclypt Core Protection Options

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<tr>
<td>600</td>
<td>Secures Top Secret &amp; Below</td>
<td>Secures Top Secret &amp; Below</td>
<td>Secures Top Secret &amp; Below</td>
<td>Secures NATO Secret &amp; Below</td>
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<tr>
<td>300</td>
<td>Secures Restricted or Official-Sensitive (Impact Level 3) &amp; Below</td>
<td>Secures Restricted &amp; Below</td>
<td>Secures NATO Restricted &amp; Below</td>
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<tr>
<td>200</td>
<td>Secures up to Protect or Sensitive (Impact Levels 1 &amp; 2)</td>
<td>Secures Sensitive (Unclassified) Data</td>
<td>Secures Protected A&amp;B (Unclassified) Data</td>
<td>Secures Sensitive (NATO Unclassified) Data</td>
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</tr>
</tbody>
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### SPECIFICATIONS

#### CAPACITIES

**Core 7mm**
- SSD 256 GB
- SSD 512 GB
- SSD 1 TB

#### INTERFACE
- SATA specification, Revision 2.6

#### COMPATIBILITY
- Easy installation in most COTS computers; direct replacement for a computer’s standard hard drive
- Operating system and service pack independent
- Application software independent

#### ENCRYPTION
- Suite B Algorithms: AES-256 (FIPS 197) in CBC mode
- Statistically unique per-unit initial vector

#### SECURITY
- Encryption key positively erased
- Encryption key never leaves Viasat Eclypt hardware
- Every disk sector is encrypted

#### OPERATING SYSTEMS SUPPORTED
- Windows 7/8/10 (32 and 64 bit)
- Linux (RPM, Debian, Gentoo and Slackware)

#### AUTHENTICATION
- **600** Two-factor authentication at boot up—one 9-character Clearview password and either one Touch Memory token or one KeyStone USB token
- **300** 14-character Clearview password authentication
- **200** Optional two-factor authentication—password and KeyStone USB token, with local resetting capabilities. Keys can be internally generated or user defined.

#### PHYSICAL
**Core 7mm**
- Dimensions: Standard 2.5 in. drive form factor, 7mm
- Power:
  - SSD 256GB/512GB: 2.2W (idle), 3.1W (typical)
  - SSD 1 TB: 3W (idle), 10W (max)

#### ENVIRONMENTAL—SOLID STATE DISK
- **Temperature**
  - Operating: 0° to +65° C; (1TB 0° to +50° C)
  - Non-Operating: 40° to +85° C
- **Humidity (Non-Condensing)**: 5% to 95% relative
- **Shock**: 40g/11ms
- **Vibration**: 17g RMS (5 to 2000Hz)
- **Crypto Sanitization**: <1 sec
- **Reliability (MTBF/hours)**: >1 million

### NATIONAL ORDERING FRAMEWORKS
- CANADA NMSO: E60QE-16CR04/001/QE
- NATO NC3A BOA: 13074

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