



12/12/2018

### **What makes MediaClone SuperImager Forensic line of products different from others?**

MediaClone SuperImager Plus Forensic units use dual-boot Linux/Windows OS that make them very unique and multi-purpose products and a complete forensic investigation tool, using the latest hardware in the market with great performance, supporting the latest digital storages of NVMe and using the latest technology of Thunderbolt 3.0 with 40Gb/s bandwidth.

#### **CPU**

MediaClone uses the latest Intel based i7 Desktop CPU that has major advantages:

- Overclocked
- Powerful calculation capabilities, such as running multiple parallel HASH (all 3 MD5, SHA-1, SHA-2 at the same run) and encryption operations, no limitation on the number of sessions with slim speed degradation
- Scalable solution with optional add-on hardware
- Adaptation to new technology, such as NVMe and Thunderbolt 3.0
- Network connectivity is easy

#### **Compare to Embedded Solutions**

- Long design cycle
- More investment into hardware and software development, meaning that the moment you finish the design of the product you could already be behind with the new technologies
- Not flexible to adapt to new technologies
- Limited performance with limited calculation capabilities
- Rigid design – limited to the original design and cannot be changed
- Doesn't use an open OS, everything is hardcoded – which is more susceptible to mistakes
- Low cost and compact
- **Limited to the functionality of a Forensic Imager**

#### **Operating System**

MediaClone line of products uses an open Linux OS which is more secure and more flexible, and allows the user to add or remove functionality and features, provides an easy connection to network, simple viewing and editing, and gives the ability to install and use third-party applications.

#### **Dual Boot**



MediaClone units are configured with a dual-boot configuration of Ubuntu Linux and Windows 8.1 that allows the user to take advantage of both of the worlds of Windows and Linux in same unit.

Windows 7/8.1 add the flexibility to install and use third-party applications that can run only on Windows OS like Encase, FTK, Cellebrite, MASB and more.

### **Summary: What makes MediaClone unique in the marketplace?**

- MediaClone line of products is not an embedded solution. MediaClone line of products uses the latest and greatest of the existing technologies in the marketplace (the latest chipsets, motherboards, CPU, memory, and controllers), which give the product a huge advantage of flexibility in adaptation of new storage devices.
- All of MediaClone competitors have forensic products that just do plain imaging; no one is running dual-boot OS that enables the user to perform other forensic tasks with the unit. A full investigation/analysis can be performed using the unit itself, so it eliminates the need to carry laptops and other hardware. In addition, the MediaClone units can be used to capture cellphone and tablets, or as a triage data collection units.
- MediaClone offers some models with Thunderbolt 3.0, and only very few vendors can offer a mobile product that has Thunderbolt 3.0 ports. Thunderbolt 3.0 (40Gb/s) brings extreme speed when it comes to connecting storage devices and TB devices (NVMe, 1394, etc.)
- MediaClone new line of NVMe products that was recently created is an example of the quick adaptation to new technology.
- Overall all MediaClone product designs are very flexible, expandable and easily adaptable to new technology, interfaces, and storage devices.