



SuperImager[®] Plus Desktop Gen-3 Forensic Imaging Unit with 16 SAS/SATA ports

**Multiple Sources/Targets Computer Forensic Imaging Lab Unit
A Linux Imaging unit with Dual Boot to**

- **Performs Forensic Imaging from 8 SAS/SATA “Suspect” drives to 8 SAS/SATA “Evidence” drives simultaneously in 8 parallel sessions**
- **Captures & Uploads 16 Forensic Images to a network in 16 parallel sessions**



SuperImager Drive Imager Lab unit with 16 Ports of SAS/SATA in A Dual Boot of Linux/Windows 10 OS

Part #: SIL-0004

- 16 SAS/SATA Ports with Open Tray
- 8 USB3.2 Ports
- Include Virtual Drive Emulator

The Application:

- Designed to work with touch screen display, with easy navigation icons and screens
- Image 8:8 SAS/SATA drives and 4:4 with USB3.2 storages
- Optimized for Multi-Core CPU with multi-threading to achieves extreme speed, especially when running E01 format compression operation
- It is flexible in re-assigning role of Source/Target for Evidence port
- Mixed operations such as HASH, Erase, Capture data from digital storage devices all in multiple sessions operation
- Save Forensic Images (DD, E01) to a network (NFS, SAMBA, CIFS)
- Use the unit as a “write blocker” bridge, for any storage devices attached to the unit, and the unit connected to the network

To use the unit as a Platform, the user can:

- Complete a full investigation by running full Encase, FTK, Nuix, and Axiom Forensic Analysis tools
- Run multiple Cell-phones data extraction and analysis

Dual OS

For Data Capture:

- ♦ Perform Forensic Imaging under Linux for a faster, more efficient and a more secure operation

To Analyze the Data Captured:

- ♦ Reboot the unit to Windows
- ♦ Use third-party applications to perform data analysis

Fast & Affordable

Acquire data From

- ♦ Drives: SAS/SATA/IDE
- ♦ Flash Media: MSATA/MicroSATA/M.2 SATA
- ♦ Multi Media Cards
- ♦ SSD & USB Storage Devices
- ♦ Network



SuperImager[®] Plus Desktop Gen3 Forensic Unit with 16 SAS/SATA Ports

Forensic Lab Unit (Linux) FEATURES

- Captures data from digital storages devices with many types of form factors and interfaces(2.5", 3.5", ZIF, MSATA, MicroSATA, M.2 SATA Ultra SATA, Slim SATA)
- USB3.2 ports can be converted to SATA ports with the use of USB3.0 to SATA adapters (with the use of 4 ports USB KIT)
- Previews data on the "Suspect" drive in secure environment
- Captures and copy across many ports and interfaces
- Simultaneously calculates HASH values with all the 4 MD5/SHA1/SHA2/SHA-512 at the same run
- Automatic support for DCO/HPA special areas
- Supports Bad Sector Handling (with 3 types of reporting)
- Encryption/Decryption with AES256 on-the-fly
- Supports capture mode of: 100% bit by bit mirror copy, Linux-DD files, E01, EX01 with full compression, Mix mode where the target drives can be mix of DD/E01, Selective Imaging of Files and Folders, Partition imaging, Keyword Search before the capture or while the capture
- Supports Scripting to automate some operations
- Supports SAS/SATA/e-SATA/USB/IDE/mSATA/MicroSATA/M.2 SATA
- Imaging of selective partition.
- Mount APFS volume.

HARDWARE FEATURES

- 8 SAS/SATA ports with Open Tray and 8 SAS/SATA cable less ports in the Expansion Box
- e-SATA port
- 8 USB3.0/3.1
- 1 Gigabit/s Ethernet Ports, 2 USB2.0 ports
- 10" Detachable Touchscreen Color LCD Display



Sessions							
#	Operation	Load	Time Left	Speed	Progress	Active	Error
1	Erase-Format	1,096	00:00:00	2096B/min	100.0%	No	More
2	Capture-Erase	931,568	00:24:11	7,568B/min	79.0%	No	More
3	Erase-Format	1,096	00:00:00	3096B/min	100.0%	No	More
4	Hash-Hash	931,568	01:32:24	9,968B/min	1.4%	No	More
5	Capture-Erase	931,568	00:00:00	7,568B/min	100.0%	No	More
6	Hash-Hash	931,568	01:31:03	10,168B/min	1.7%	Yes	More



System Specification

CPU: Latest Generation Quad Core i9

Memory: 32GB DDR3

Internal Storage: 1TB SSD

PCIe bus: Gen 3

OS: Linux Ubuntu

Power Supply Main Unit: Universal auto switching 700W UL/CE/PSE approved.

Power Supply Expansion Box: Universal auto switching 500W UL/CE/PSE approved.

Input voltage: 100-240V/50-60Hz

Main Unit Net Weight: 35.00 Lbs.

Expansion Box Net Weight: 10.00 Lbs.

Basic Unit Dimensions: 18 x 16 x 4 inch

Open Tray Dimension: 11 x 6 x 2 inch

Display Pad Dimension 8 x 5 inch

Environment: 5°C - 55°C

(40°F-130°F)

Relative humidity: