



## ***SuperImager*<sup>®</sup> Plus Desktop XL Supreme2** **Forensic Imaging 12 SAS/SATA, 4 NVMe, 10 USB3.2 , two** **10 GbE, and 2 TB 4.0 Ports Unit**

- **Performs Forensic Imaging of NVMe SSD(2:2),SATA/SAS drives(6:6) USB(5:5), simultaneously in 13 parallel sessions**
- **Cross copy from NVMe to SATA/SAS and vice versa**
- **Top Imaging Speed NVMe SSD 187GB/min**

Part #: SIL-0012

- 12 SATA/SAS ports (12Gb/s, PCIE 4.0)
- 4 U.2/M.2 NVMe ports with M.2 NVMe adapters (each port use 4 lanes of PCIE 4.0)
- 10 USB3.2
- 2 GbE ports and 2 TB4.0 ports

### **The Application:**

- Designed to work with touch screen display, with easy navigation icons & screens
- Image 2:2 NVMe, 6:6 SATA/SAS, 5:5 USB3.2 storages at the same time.
- Forensic capture: Mirror, DD, E01, Mix DD/E01, AFF4 and more
- Selective Capture of files and folder, or select Partition
- Keyword Search with 2 modes: Before the data capture or during the data capture
- Optimized for Multi-Core CPU with multi-threading to achieves extreme speed, especially when running E01 compression
- While imaging calculate simultaneously 4 HASH value MD5/SHA1/SHA2 /SHA-512
- Flexibility in re-assigning the role of Evidence port to be Suspect port.
- Run mix operations at the same time such as HASH, Erase, Capture all in multiple simultaneous sessions.
- Use the 10GbE for fast image network uploads.
- Use the fast TB4.0 ports for expansion: Supporting legacy drives, TB storages

**\*Validated NVMe speed of 187G/min by using WD black 1TB M.2 NVMe SSD**



## SuperImager® Plus Desktop XL Supreme2

Forensic Imaging 4 NVMe (U.2 and M.2) + 12 SAS/SATA, with two 10GbE, and 2 TB4.0 ports

### 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, NVMe U.2/ M.2
- Accelerate hardware write-protect.
- USB3.0/3.1 ports can be converted to SATA ports with the use of USB3.0 to SATA adapters (use of 4 ports USB KIT).
- Previews data on the "Suspect" drive in a secure environment.
- Captures and copy across many ports and interfaces
- Simultaneously calculates HASH values with all the 4 algorithms MD5/SHA1/SHA2/SHA512 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 copy, Linux-DD files, E01, EX01 with full compression, E01/DD Mix mode where each of the target port can be a mix of DD or E01
- Supports targeting imaging, partition imaging
- For Automated process, use Scripting.
- Use the unit as "Write blocker " Bridge between any storage attached to the unit and the network.

### HARDWARE FEATURES

- 4 U.2 NVMe ports include M.2 NVMe Adapters (PCIe 4.0)
- 12 SATA/SAS ports with Open Tray (12Gb/s, PCIe4.0)
- 10 USB3.2 Ports
- HDMI, USB2.0, e-SATA ports
- Two 10Gigabit/s Ethernet ports
- Two TB4.0 ports

#	Operation	Load	Time Left	Speed	Progress	Active	Error
1	Erase-Format	1,096	00:00:00	20984/min	100.0%	No	More
2	Capture-Encase	931,568	00:24:11	7,568/min	79.0%	No	More
3	Erase-Format	1,096	00:00:00	30984/min	100.0%	No	More
4	Hash-Hash	931,568	01:32:24	9,908/min	1.4%	No	More
5	Capture-Encase	931,568	00:00:00	7,568/min	100.0%	No	More
6	Hash-Hash	931,568	01:31:03	10,108/min	1.7%	No	More

Multiple Sessions Control Screen

Easy Navigation



### System Specification

Main Unit:  
 CPU: latest generation i7  
 Memory: 32GB  
 Internal Storage: 1TB SSD  
 PCIe bus: Gen4, NVMe: PCIe 4.0  
 OS: Linux Ubuntu  
 Power Supply: Universal auto switching 700W UL/CE/PSE approved.  
 Input voltage: 100-240V/50-60Hz  
 Net Weight: 35.00 Lbs.  
 Basic Unit Dimensions: 18 x 16 x 4 inch  
 Expansion Box: 18 x 12 x10 inch  
 Environment: 5°C - 55°C (40°F-130°F)  
 Relative humidity: 20-60% non-condensing.  
 Main Unit Shipping Dimensions: 20" x 20" x 15" 35 LBS  
 Expansion Box Shipping Dimension: 18" x 12" x 10" 10 LBS