

# FRED-L

## The Ultimate Mobile Field Forensic Acquisition Kit

### Features:

- Intel i7 2760QM Quad Core Processor (2.4Ghz, 6MB)
- UltraKit
- 500 GB, 2.5" 9.5mm, SATA Hard Drive



FRED-L is the ultimate solution in mobile forensic imaging convenience.

The FRED-L forensic laptop and the included UltraKit work together to quickly, efficiently and securely image IDE, SATA, SCSI & USB hard drives in a forensically sound environment.

FRED-L is built on the very latest and fastest in i7 Processor technology and is complete with 8GB RAM (upgradeable to 16GB), FireWire 1394a, FireWire 1394b ExpressCard, four USB 2.0/1.X ports, Wireless 802.11a/b/g/n, Integrated 2.0 MP Video/Web Camera and Gigabit (10/100/1000 Mb/s) Ethernet support.

### FRED-L includes the UltraKit

The **UltraKit** is a portable kit which contains a complete family of hardware write blockers for use in acquiring a forensically sound image of virtually any hard drive you may encounter (IDE, SATA, SCSI, USB). The UltraKit contains all the write blockers, cables, adaptors, and power supplies necessary for use in acquiring images in the field using a standard laptop with FireWire or USB support. The UltraKit consists of a Write Protected UltraBlock-IDE/SATA, UltraBlock-SCSI and a UltraBlock USB.

### The Ultimate Mobile Forensic Imaging and Acquisition Solution

FREDL is designed for use "on location" at electronic crime scenes. Remove the hard drive(s) from the suspect system and attach them to the appropriate (IDE, SATA, SCSI) write blocker in the UltraKit.

You can then use the FREDL system to quickly and efficiently create your image file(s) on the acquisition drive attached to FREDL's eSATA port. Using the eSATA port allows you to utilise faster, larger, less costly desktop drives to receive your forensic images.

### The Ultimate in Mobile Forensic Convenience

With multiple boot menu options, FREDL is not limited to use as a Forensic imaging tool. FREDL can be booted into Windows 98 (Standalone DOS) or Windows 7 Ultimate 64 Bit and will support any forensic tools which run within those environments. FREDL also comes complete with a fully configured installation of Suse Linux Professional. Capable of accommodating the fastest Intel processors, and an impressive memory capacity of up to 16GB, FREDL is also a very formidable processing platform.

### Network Functionality Built in

FREDL also has the ability to connect directly to a 10Mb, 100Mb, or even Gigabit Ethernet networks for use as a standard laptop when not processing or acquiring data. FREDL also includes integrated 802.11a/b/g/n wireless capabilities. With the addition of Network Analysis software (Packet Analyser), FREDL can also be used to monitor network traffic and communications at the crime scene.

**Data**

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# Technical Data on FRED - L:-

- Intel Quad Core i7-2760QM (2.4GHz) Processor (Upgradeable)
- Intel® HM55 Express Chipset
- 8GB DDR3 1600 PC3-12800 memory (Upgradeable)
- 15.6" Full HD (1920x1080) LED Backlit Display
- nVidia GeForce GTX 460M GPU with 1.5GB GDDR5 Video Memory
- 500Gb 2.5" 9.5mm, Internal SATA Hard Drive
- Internal 6x BD-R BluRay Burner/8x DVD+/-R/2.4x +DL Super Multi Combo Drive

## Integrated Components:

- 10/100/1000 Mbps Ethernet LAN
- 802.11a/b/g/n Wireless LAN & Bluetooth (Intel 6230 AGN)
- Touchpad pointing device ( 2 buttons) with scroll function
- Digital Video Camera (2.0MP)
- Microphone
- Card reader 9-in-1 (MMC/RSMCMC/MS/MS PRO/MS Duo/SD/Mini-SD/SDHC/SDXC)
- Finger Printer Reader
- 19mm Full-size keyboard with Numeric keypad & MS-Windows Hot Keys
- High Definition Audio
- Speakers (2)
- Hard Sided, cushioned, Travel Attaché Case with padded laptop insert

- One S/PDIF output Jack
- One Line-In Jack
- One Headphone Jack
- One Microphone Jack
- One DVI-I Port for External Display
- One RJ45 LAN Jack
- One HDMI Port
- Two USB 2.0 ports & Two USB 3.0 ports
- One IEEE 1394a
- One e-SATA port
- Li-Polymer 8 Cell, 5200mAh, 79.96Wh Battery Pack
- Universal AC Adaptor (100-240V AC50/60hz)
- Dimension: 14.80"(w) x 10.08"(d) x 1.38 - 1.69" (h)
- Weight: 6.83 lbs (complete system and battery)
- 3.5" External USB Floppy Drive
- USB 3.0 External 3.5" Hard Drive Enclosure
- Digital Intelligence Forensic Media Card Readers - One Switchable Read-Only/Read/Write (MSC, MS Pro, SMC, CFC, MD, XD, SDC, and MMC Memory Card compatible)
- Two Port ExpressCard FireWire 800 Adapter Card
- Two Port ExpressCard e-SATA Adaptor Card

## UltraKit Containing:

### • UltraBlock Bridges

- UltraBlock-IDE/SATA (Write-Blocked)
- UltraBlock-USB (Write Blocked)
- UltraBlock-SCSI (Write Blocked)
- UltraBlock Forensic Card Reader

### • Storage Drive

- One 1.5TB SATA Hard Drive

### • Power Supplies

- Two UltraBlock Power Supplies
- Two 110v Power Supply Cords
- Two Molex M/M Drive Power Cable
- One SATA Drive Power Cable
- One Female 5 ¼" Molex to SATA Drive Power Cable
- One Pigtail for 5 ¼" Molex to 3 ½" Molex Drive Power Cable

## Software:

- Microsoft Windows 7 Ultimate 64 Bit With Windows XP Mode (Pre-Installed & Configured)
- Microsoft Windows 98SE Standalone DOS (Pre-Installed & Configured)
- DriveSpy, Image, PDWipe, PDBlock, PART
- Drive Interface Cables
  - One 8" IDE Interface Cable
  - One 2" IDE Interface Cable
  - One SATA Interface Cable
  - One SCSI-3 Interface Cable
  - One 1.8" Hard Drive Adaptor
  - One 2.5" Hard Drive Adaptor
  - One ZIF Hard Drive Adaptor
  - One MicroSATA Adaptor
- Computer Interface Cables/Adaptors
  - One eSATA to eSATA Cable
  - One eSATA to SATA Interface Cable
  - Two USB A to Mini 5 pin Cables
  - Two FireWire B (9 pin-9 pin) Cables
  - One FireWire A (6 pin-6 pin) Cable
  - One FireWire A (9 pin-4 pin) Adaptor
  - One FireWire A (9 pin-6 pin) Adaptor
- UltraKit Case
  - Watertight
  - Airtight
  - High Impact
  - Custom Foam Lined
- Suse Linux Professional (Pre-Configured)
- Norton Ghost
- DVD / CD Authoring Software

## Other Products:-

- Forensic Tools
- Hard Disk Duplicators
- Floppy Disk Copiers
- CD Duplicators
- CD Printers

## Media Duplication Services For:-

- Floppy Disk
- CD
- DVD
- Tape
- Blank Media Supply
- Standard or Customised Packaging
- Fulfilment Service