

FREDDIE

The Ultimate Solution in Mobile Forensic

Features:

- Integrated UltraBay
- 2 High Capacity Hard Drives
- Network Functionality Built-in
- Integrated Forensic Media Card Readers



FREDDIE is the little brother of our larger FRED unit. Like its older brother, FREDDIE is a highly integrated, flexible and modular forensic platform designed from the ground up for both the acquisition and analysis of computer evidence with the added advantage of being highly portable. FREDDIE uses the same motherboard, and many of the same components, as our larger FRED unit. In fact, the removable devices in our custom forensic bays can be used in both FRED and FREDDIE.

FREDDIE is designed "On Location" at electronic crime scenes. Remove the hard drive(s) from the suspect system and plug them into FREDDIE and acquire the electronic evidence. FREDDIE is designed to acquire data directly from IDE/EIDE/ATA/SATA/ATAPI/SCSI I/SCSI II/SCSI III hard drives and storage devices.

FREDDIE is also capable of handling 3.5 inch floppies as well as CD-ROM and DVD. No more worrying about the problems encountered trying to configure parallel devices on suspect equipment in order to use external backup devices. No worries about installing a SCSI adaptor into a suspect's computer.

The Digital Intelligence UltraBay can be used to acquire a forensically sound image of IDE, SATA, SCSI, USB drives using your choice of Forensic Imaging software. Your IDE, SATA, SCSI, USB, drives may be connected and removed from the UltraBay without having to shut down the workstation or leaving the GUI.

FREDDIE comes with two high capacity hard drives. One of these drives is used for your forensic acquisition and processing tools and the other drive as a work drive for restoring and processing electronic evidence. With multiple boot menu options, FREDDIE can be booted into data acquisition mode with full SCSI support and PDBlock loaded automatically, write protecting the suspect hard drive. Another boot option can be configured to place FREDDIE in data analysis mode with full access to your forensic analysis tools.

FREDDIE also has the ability to connect directly to a 10Mb, 100Mb, or even Gigabit Ethernet networks for use as a standard workstation when not processing or acquiring data. With the addition of Network Analysis software (Packet Analyzer), FREDDIE can even be used to monitor network traffic and communications at the crime scene.

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Technical Data on FREDDIE:-

- 14" High, 17 1/4" Wide, 10 1/4" Deep - 55 lbs
- ATX Aluminum Portable Case(1-3/4, 4-5/4) with 500W ATX Semi-Modular power supply, Internal speakers, 17" Active TFT LCD Video Display Panel, and Integrated Windows Keyboard w/Touchpad
- i7 Motherboard with Intel X58 / ICH10R Chipset
- Intel i7 960 CPU (Quad Processor), 3.2 Ghz, 8M Cache, 4.80 GT/s Intel® QPI (Upgradeable on request)
- 5 x PCI-Express (x16), 1 x PCI-Express (x1) slot
- 12 GB DDR3-1333 Triple Channel Memory (Upgradeable on request)
- Nvidia GT430 GDDR3 PCI-Express Video Card (1GB) with 1 DisplayPort, 1 HDMI, 1 DVI Port
- Dual 10 / 100 / 1000 / Mbs Gigabit Ethernet Network Adaptors
- 8 Channel High Definition Audio Controller
- 7 Ports Primary 3.0 Gb/s Serial ATA (SATA) Controller (1 back mounted)
- 2 Ports (2 Drives) Marvell PCIe SATA 6.0Gb/S Controller
- 1 PS/2 Port (keyboard & Mouse)
- 3 USB 3.0 - 3 back mounted
- 8 USB 2.0 - 1 write blocked
- 1 FireWire IEEE 1394a (400 MB / s) Port: 1 back mounted
- 1 FireWire IEEE 1394b (800 MB / s) Port: 1 back mounted
- Digital Intelligence UltraBay Hardware Write-Blocker:
 - Integrated IDE Drive Write Blocker
 - Integrated SATA Drive Write Blocker
 - Integrated SCSI Drive Write Blocker
 - Integrated USB Drive Write Blocker
- Digital Intelligence Integrated Forensics Media Card Reader – One Switchable Read-Only/Read/Write (MSC, MS Pro, SMC, CFC, MD, XD, SDC, and MMC Memory Card compatible)
- 1 x 300Gb 10,000 RPM 3.0 Gb/s SATA Hard Drive in Shock Mounted tray - OS Drive
- 1 x 1.5TB 7200 RPM 3.0 Gb/s SATA Hard Drive in Shock Mounted tray – Data Drive
- 2 x Shock-Mounted SATA Removable Hard Drive Bays (IDE capable)
- 4 x HotSwap Shock Mounted Universal (IDE/SATA compatible) Removable Hard Drive Bays
- BD-R/BD-RE/DVD +/- RW / CD +/- RW Blu-ray Burner Dual- Layer Combo Drive
- USB 3 1/2" Floppy Drive with Write Protect Switch

Toolbox Containing

- **Adaptors, Terminators, and Cables:** All the necessary cables, adaptors, and terminators to image and process internal/external SCSI drives, 1.8" IDE (ipod) drives, 2.5" IDE (laptop) drives, and 3 1/2" and 5 1/4" IDE drives.
- **Digital Camera:** Useful to document your suspects environment and hardware.
- **Security Screwdriver Set:** A varied assortment of popular security bits for opening computer enclosures that may have been locked down in a corporate environment

Software

- Microsoft Windows 98SE Standalone DOS (Pre-Installed & Configured)
- Microsoft Windows 7 Ultimate 64 Bit With [Windows XP Mode](#) (Pre-Installed & Configured)
- Suse Linux Professional (Pre-Configured)
- Norton GHOST
- DVD / CD Authoring Software
- DriveSpy, Image, PDWipe, PDBlock, PART

Other Products:-

- Software Cloning 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