



FREDL Laptop (case included)

Our Mission

At Digital Intelligence, we combine the knowledge gained from years of providing digital forensics and eDiscovery services with a deep understanding of digital technology to build and deliver solutions that *Give Voice to Digital Evidence™*.



UltraKit Write Blockers (case included)

FRED-L™

FORENSIC RECOVERY OF EVIDENCE DEVICE LAPTOP

High Performing Field or Lab Acquisition and Analysis

Each FRED-L comes standard with the Intel® i7-8700 six-core processor technology and 16 GB of DDR4 RAM (upgradeable to 64 GB). The FRED-L is a feature-packed workhorse designed to excel at field or lab acquisition and analysis work. With storage slots for up to four hard drives, FRED-L's have generous storage options for the OS, temp, cache, and data storage. FRED-L's are built with the latest external device interfaces (Thunderbolt™, USB 3.1-C, USB 3.0, and USB 2.0), feature Intel Dual Band Wireless connectivity, and Gigabit (10/100/1000) Ethernet LAN support.

FRED-L Includes a Digital Intelligence UltraKit™

When comparing forensic laptops, consider this: Each FRED-L ships with a valuable DI UltraKit which includes three UltraBlock™ hardware write blockers (SATA/IDE, SAS, and USB 3.0), the UltraBlock Forensic Media Card Reader, and a USB 3.0 drive enclosure with a 2 TB SATA drive for evidence acquisition. All required signal cables, power cables, and power supplies are included. FRED-L comes complete and ready to acquire forensic images of hard-drives, USB storage devices, and a wide assortment of media cards.

A Complete Portable Forensic Imaging and Acquisition Solution

FRED-L is ready for use at digital crime scenes. Simply remove the hard drive(s) from the suspect system and attach them to the appropriate (IDE, SATA, SAS or USB) write blocker in the UltraKit. You can then use the FRED-L system to quickly and efficiently create forensic image file(s) on the storage drive attached to any of FRED-L's external connections.

The Flexibility of Multiple Software Options

FRED-L can be booted into Windows 10 and will support all of the standard forensic software applications. FRED-L also ships with a fully configured installation of open SUSE Linux 64-bit. Running the new Intel i7-8700 six-core processors (4.6 GHz Turbo Mode) and with impressive memory capacity of up to 64 GB, FRED-L is a very formidable system for processing and previewing digital evidence.

FEATURE	FRED-L™ - Forensic Recovery of Evidence Device Technical Specifications
Chipset	Intel® Z370 chipset
Processor	Intel® i7-8700 6 core, 3.2 GHz (4.6 Turbo), 12 MB Smart Cache
Memory	16 GB PC4-19200 DDR4-2400 (upgradeable to 64 GB)
Display	15.6" FHD (1920 x 1080) IPS matte display with G-SYNC technology
Graphics Card	NVIDIA® GeForce™ GTX 1060 GPU with 6GB GDDR5
Hard-drive Storage	Up to 4 drives: Slot 1 - 512 GB M.2 NVMe Operating System drive (various drive capacities available as upgrades) Slot 2 - M.2 NVMe (drive options available) Slot 3 - SATA (drive options available) Slot 4 - SATA (drive options available)
Keyboard	Full size, color illuminated, keyboard with numeric pad
Pointing Device	Integrated touch-pad with Microsoft PTP multi-gesture and scrolling function. Integrated fingerprint reader
DVD/CD/Blu-Ray	Optional external USB 3.0 Blu-ray burner available
Networking	10/100/1000 Mbps Ethernet LAN port Intel Dual Band Wireless-AC + bluetooth 4.2
Integrated Components	Card reader (MMC/RSMMC/SD/Mini-SD/SDHC/SDXC up to UHS-II) Built-in 2.0M FHD video camera Built-in array microphone 2 built in speakers
External Ports and Connectors	1 HDMI 1.4b output port with HDCP 2 mini display port 1.3 1 Thunderbolt 3 / USB 3.1 combo port, type C 1 USB 3.1 port, type C 3 USB 3.0 ports (1 powered USB port, AC/DC) 1 USB 2.0 port 1 2-in-1 audio jack (headphone/S/PDIF optical output) 1 microphone jack 1 line-in jack 1 line-out jack 1 RJ-45 LAN (10/100/1000 Mbps)
Software	Microsoft Windows 10® Professional 64-bit open SUSE Linux 64-bit Symantec® Ghost CD/DVD authoring software
Security	Kensington slot
Power System	Removable 8 cell smart lithium-ion battery pack 82Wh Full range AC-in 100-240V, 50-60Hz, 230W AC adapter, DC output 19.5V, 11.8A
FRED-L Weight and Dimensions	7.23 lbs with battery. 15.20" (w) x 10.32" (d) x 1.50" (h)
FRED-L Case	Hard-sided, cushioned, travel case with padded laptop insert
External Drive	DI external USB 3.0 hard drive enclosure for evidence acquisition
UltraBlock Write Protection Kit	Each FRED-L ships with a DI UltraKit™ containing the following: UltraBlock™ IDE/SATA (1), UltraBlock USB 3.0 (1), UltraBlock SAS (1), DI Forensic Media Card Reader, two (2) UltraBlock power supplies, all required UltraBlock power and signal cables, one 2TB 7200 RPM SATA hard drive. Packaged in an airtight, watertight, custom foam-lined UltraKit travel case
Warranty and Support	Hardware warranty is 36 months from date of purchase. Extended warranty options available. Lifetime technical support
Shipping Weight and Dimensions	1 box 23" x 18" x 18", 43 lbs