

FRED-L™

FORENSIC RECOVERY OF EVIDENCE DEVICE LAPTOP

Triage. Image. Acquire. Analyze. Solve.

Looking for uncompromising portable forensic power? Meet the **Digital Intelligence® FRED-L™** – engineered to excel across the full spectrum of forensic work, whether you're in the field or the lab.

Built for Performance. Designed for the Real World.

The latest **FRED-L** delivers outstanding speed, power, and reliability for even the most demanding forensic tasks. **FRED-L** runs on **Intel®'s hybrid architecture**, and the high-performance **Core™ Ultra 9 275HX** processor – **24 cores** (8 performance / 16 efficiency), **24 threads**, **36 MB cache**, and clock speeds up to **5.4 GHz**.

Standard specs include:

- **64 GB** of high-speed **DDR5 RAM** (PC5-44800, 5600 MHz)
- **Three internal 1 TB NVMe** drives (expandable to four)
- **One external 4 TB SATA** drive
- A cutting-edge **NVIDIA® GeForce™ RTX 5080** GPU with AI-enhanced DLSS technology
- A crisp, vibrant **18" Quad HD+** display
- **Wi-Fi 7 BE200** M.2 module for maximum speed, range, and responsiveness
- Expanded external connectivity – now with **Thunderbolt™ 5**

Everything You Need. Included.

Every **FRED-L** system ships with our **UltraKit™** – a comprehensive forensic hardware bundle featuring:

- **UltraBlock™ write blockers** (SATA/IDE, PCIe, USB 3.0)
- **UltraBlock Media Card Reader**
- **SSD adapters** (SATA III to M.2, mSATA, TDA7-2 PCIe M.2)
- **USB 3.2 drive enclosure** with **4 TB SATA** drive for evidence acquisition
- All necessary signal cables, power supplies, and adapters

Out of the box, you're ready to image hard drives, USB devices, and a wide array of storage media – fast, securely, and forensically sound.

Forensic Imaging and Acquisition – Wherever You Need It

FRED-L is fully field-ready. Simply connect suspect media using the **UltraKit's** write blockers, then image directly to the included drive using **FRED-L's** versatile port options. It's a compact, high-speed solution that streamlines acquisition at digital crime scenes.

Trusted in the Field: Part of the VPER™ Kit

Each **Digital Intelligence® VPER™ Kit** includes a **FRED-L** system for rapid triage, acquisition, and processing. Originally built for the **U.S. Special Forces**, **VPER** is our most advanced field-ready forensic kit – rugged, portable, and mission-proven.



FRED-L Laptop (case included)



UltraKit v5 (case included)

FEATURE	FRED-L™ - Forensic Recovery of Evidence Device Technical Specifications
Processor	Intel® Core™ Ultra 9 275HX, 24 cores (8 performance / 16 efficiency), 24 threads up to 5.4 GHz, 36 MB Intel® Smart Cache
Chipset	Intel® HM870
Memory	64 GB PC5-44800 DDR5 5600 MHz. Configurable up to 128 GB.
Display	18" QHD+ (2560x1600), 240Hz WVA, 100% DCI-P3, G-Sync, Matte
Graphics Card	NVIDIA® GeForce™ RTX 5080 GPU with 16GB GDDR7 VRAM with Advanced Optimus, 256-bit, 10752 CUDA cores
Hard Drive Storage	Up to four (4) internal M.2 NVMe drives, including: Slot 1: 1 TB M.2 NVMe SSD (Operating System) Slot 2: 1 TB M.2 NVMe SSD Slot 3: 1 TB M.2 NVMe SSD Extra Storage Slot: One (1) M.2 NVMe slot Additional internal storage capacity upgrades available. External Storage: one (1) 4 TB SATA HDD
Keyboard	19mm full size, color-illuminated keyboard with numeric pad
Pointing Device	Integrated touchpad with Microsoft PTP multi-gesture and scrolling function. Integrated fingerprint reader
DVD/CD/Blu-ray	Optional external USB Blu-ray burner available
Networking	Two (2) 10/100/1000/2500 Mbps Ethernet LAN ports Intel® Wi-Fi 7 BE200 M.2 + Bluetooth 5.4
Integrated Components	Built-in 5.0 Megapixel Hello Camera with TNR (Temporal Noise Reduction), SecureBIO, and human presence detection Built-in array microphone High definition audio Two (2) speakers
External Ports and Connectors	1 HDMI output Port (with HDCP) 1 Thunderbolt™ 5 combo Port with Power Delivery DC-in (Type-C) 1 Thunderbolt 5 (Type-C) 2 USB 3.2 Gen 2 Ports (Type-A, 1 x powered USB port, AC/DC) 1 microSD Push-Push Card reader 1 2-in-1 audio jack (headphone/microphone) 2 RJ-45 LAN (10/100/1000/2500 Mbps) Ports
Software	Microsoft Windows 11® Professional 64-bit openSUSE Linux 64-bit Symantec® Ghost
Security	Kensington lock slot Intel® PTT (Platform Trust Technology)
Power System	Removable, 8-cell smart lithium-ion battery pack 99 WH Full range AC-in 100-240V, 50-60Hz, 330W AC adapter, DC output 20V, 16.5A
FRED-L Dimensions and Weight	1.1" High x 15.83" Wide x 12.6 Deep, 8.6 lbs (with battery)
FRED-L Case	Hard-sided, cushioned, travel case with padded laptop insert
External Drive	DI external USB 3.2 hard drive enclosure for evidence acquisition, includes 4 TB SATA hard drive
UltraBlock Write Protection Kit	Each FRED-L ships with a DI UltraKit™ (v5) containing the following: One (1) UltraBlock™ IDE/SATA, one (1) UltraBlock USB 3.0, one (1) UltraBlock PCIe, one (1) Digital Intelligence Forensic Media Card Reader, two (2) UltraBlock power supplies, and all required UltraBlock power and signal cables. Packaged in an airtight, watertight, custom foam-lined UltraKit travel case.
Adapters Included	One (1) each of Digital Intelligence SATA III to M.2 and mSATA SSD adapter, PCIe M.2 SSD adapter, and microSATA adapter.
Warranty and Support	FRED-L warranty is 36 months from date of purchase. UltraBlock warranty is 12 months from date of purchase. Extended warranty options available. Lifetime technical support.
Shipping Dimensions and Weight	18" High x 23" Wide x 18" Deep, 48 lbs