

## FRED Specifications

- **23 1/2" High (25 1/2" w/Wheels), 16 1/8" Wide, 28" Deep - 140 lbs**
- **ATX Double-Wide Black Server Case** 23 x 5¼" Bays, 1100W Modular Power Supply, 10 Cooling Fans
- **Motherboard** with Nvidia nForce Pro 3600/3050 chipset and Intel® 6702PXH 64-bit PCI Hub supporting dedicated Dual Channel 128 Bit DDR2-667 Memory for each Processor and 1 Ghz HyperTransport Technology
- **Two Intel Xeon 5420 (2.5 Ghz) Quad-Core CPU's (8 Processors Total)**
- **4.0 GB Dual-Channel 128 Bit DDR2-667 Registered ECC Memory**
- **Internal 6.0TB (4.0TB RAID 5):**
  - **8 channel PCIe SATA RAID Controller**
  - **6 x 1.0TB SATA Hard Drives**
  - **6 x Shock Mounted Serial ATA (SATA) Removable Hard Drive Bays**
- **6 Primary Serial ATA (SATA) 3.0 Gb/s Ports Onboard** (Intel/RAID Capable)
- **8 Secondary Serial ATA (SATA) 3.0 GB/s Ports Onboard** (Marvell/RAID Capable)
- **1 Parallel ATA (IDE) Port** (2 Devices)
- **Four 10/100/1000 MB/s Gigabit Ethernet Network Adapters** (Intel)
- **6 USB 2.0 Ports** (4 Front Mounted)
- **1 IEEE 1394a (400 MB/sec) FireWire Ports** (Front Mounted)
- **2 IEEE 1394b (800 MB/Sec) FireWire Ports** (1 Front Mounted)
- **8-Channel Audio Controller**
- **Nvidia 9600 PCI-Express Video Card (512MB)** with Dual Monitor Output
- **Ultra 320 SCSI Controller** Providing SCSI 1/2/3 (Narrow, Wide, and Ultra160/320) Support
- **Digital Intelligence UltraBay Hardware Write-Blocker:**
  - Integrated IDE Drive Write Blocker
  - Integrated SATA Drive Write Blocker
  - Integrated SCSI Drive Write Blocker
  - Integrated USB Write Blocker
  - Integrated Firewire IEEE 1394b Write Blocker
- **Integrated Forensic Media Card Reader** - One Switchable Read-Only/Read-Write (MSC, MS Pro, SMC, CFC, MD, XD, SDC, and MMC Memory Card compatible)
- **2 x 500Gb 7200 RPM 3.0 Gb/s SATA Hard Drives in Shock-Mounted Trays**
- **4 x Native Shock Mounted Serial ATA (SATA) Removable Hard Drive Bays**
- **2 x HotSwap Shock Mounted Serial ATA (SATA) Removable Hard Drive Bay**
- **1 x HotSwap Shock-Mounted Parallel IDE Removable Drive Bay**
- **Wide SCSI (68 Pin) Removable Drive Bay (1)**
- **DVD ± RW/CD ± RW Dual-Layer Combo Drive**
- **3 1/2" Floppy Diskette Drive with Write Protect Switch**
- **DLT-V4 Tape Drive (160 GB Uncompressed / 320 GB Compressed)**
- **Extendable/Retractable Imaging Workshelf** with Integrated Ventilation
- **Wireless 104 Key Microsoft Keyboard**
- **Wireless Microsoft Intellimouse**
- **22" Widescreen LCD Monitor** with Built-in Speakers
- **Must Work with the Forensics Took Kit Software**