

WiebeTech



Ditto x86 SE

QUICK START GUIDE

What's Inside:

- 1x Ditto x86 SE Imager
- 1x USB Type-C Hub
- 1x USB Type-A Adapter
- 1x USB Type-C Cable
- 1x USB Type-C to Type-A Cable
- 1x Ethernet Cable
- 1x Carrying Case

A6-3173-00-1 Rev. 1.1

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USING THE DITTO X86 SE

Ditto x86 is the most portable way to capture evidence from suspect computers in a forensically sound way.

The Ditto x86 can be operated using either a GUI called KIOSK Mode or without one, which mimics the front panel on the larger Ditto and Ditto DX Forensic Fieldstation models.

You can store the evidence you collect on the Ditto x86 SE's 2TB of built-in storage.

You will need:

- Ditto x86 SE
- USB cable (with at least one end being USB Type-C)

How to use the Ditto x86:

1. Insert a USB cable into the Ditto x86 and plug the other end of the cable into the target computer while it is powered off. Use the included hub and adapter accessories if necessary.
2. Power the target computer on. The computer will boot from the Ditto x86 and display a boot menu. If it does not, reset the computer, load into the BIOS, and change the computer's boot order so that it boots to USB devices first. You will also have to disable the computer's Secure Boot feature if it is enabled. Refer to the motherboard's documentation if necessary.
3. Choose the boot option of your choice. Choose **Ditto x86 - Kiosk** to load into the graphical user interface (GUI). Choose

Ditto x86 - Kiosk Non-persistent if you want to run the Ditto x86 with a GUI in RAM memory only. Choose **Ditto x86** to load the non-graphical text-based user interface. Choose **Power Off** to power off the Ditto x86 and the computer.

**TIP**

The "Kiosk Non-persistent" boot option will prevent settings and investigator information from being written to the Ditto x86. Use this mode if you need to maintain operational security.

4. Log into the user interface. The default username is **admin** and the default password is **admin**.
5. Begin collecting evidence. You can store the evidence you collect on the Ditto x86 SE's 2TB of built-in storage, which is available as a destination in the Ditto interface.

**NOTE**

Please refer to the Ditto User Interface Manual located at cru-inc.com/ditto for information on how to operate both the GUI and text-based interface.

6. Remove the Ditto x86 from the target computer and connect it to your PC to retrieve your evidence.

SAFETY INFORMATION

Please read the following before handling this product.

1. Do not drop the product, submit it to impact, or pierce it.
2. The circuit boards within this product are susceptible to static electricity. Proper grounding is strongly recommended to prevent electrical damage to the product or other connected devices, including the computer host.
3. Avoid placing this product close to magnetic devices, high voltage devices, or in an area exposed to heat, flame, direct sunlight, dampness, moisture, rain, vibration, shock, dust, or sand.
4. A damaged cable or device may malfunction and/or overheat and become a fire hazard.

SPECIFICATIONS

Product Name	Ditto x86 SE
Color	Black
Interface Types & Speeds	USB 3.2 Gen 2: up to 1000 MB/s
Data Connectors	One (1) USB Type-C connector
Weight	45g

Dimension	Width: 28 mm Length: 69 mm Height: 12 mm
Compliance	EMI Standard: FCC Part 15 Class B EMC Standard: EN55024, EN55032 CE, RoHS

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Product Warranty: CDSG warrants this product to be free of significant defects in material and workmanship for a period of three

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FCC Compliance Statement: "This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation."

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a home or commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications.

In the event that you experience Radio Frequency Interference, you should take the following steps to resolve the problem:

1. Ensure that the case of your attached drive is grounded.
2. Use a data cable with RFI reducing ferrites on each end.
3. Use a power supply with an RFI reducing ferrite approximately 5 inches from the DC plug.
4. Reorient or relocate the receiving antenna.