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Inateck FD1006C

Inateck USB 3.0 to SATA External Hard Drive Docking Station User Manual

Model: FD1006C

Introduction

The Inateck FD1006C USB 3.0 to SATA External Hard Drive Docking Station provides a convenient and efficient solution for accessing your 2.5-inch and 3.5-inch SATA HDDs and SSDs. Designed for ease of use, this tool-free docking station supports high-speed data transfer and offers features for optimal drive protection and heat dissipation.



Figure 1: Inateck FD1006C Docking Station with its protective cover.

Package Contents

Please verify that all items are present in the package:

- 1x Inateck USB 3.0 Docking Station (FD1006C)
- 1x USB 3.0 Data Cable
- 1x Power Supply (12V/2A power adapter)
- 1x Foam Pad (for stabilizing 2.5-inch drives)



Figure 2: Contents of the Inateck FD1006C package, including the docking station, power adapter, USB 3.0 cable, and user manual.

Product Features

- **Universal Compatibility:** Supports 2.5-inch and 3.5-inch SATA I/II/III HDDs and SSDs.
- **High Capacity Support:** Compatible with hard drives up to 10TB.
- **SuperSpeed USB 3.0:** Data transfer rates up to 5Gbps, backward compatible with USB 2.0/1.1.
- **UASP Support:** Enhances read and write speeds for SSDs, up to 70% faster than traditional USB 3.0.

- **Tool-Free Design:** Easy installation and removal of drives without tools.
- **Effective Heat Dissipation:** Features ventilation holes on the bottom for improved airflow.
- **Dust Protection:** Lay-flat design with a sliding cover helps protect the drive from dust.
- **LED Indicators:** Blue LED for power, green LED for activity status.
- **Wide System Compatibility:** Supports Windows 2000/XP/Vista/7/8/10 and Mac OS 9.1/10.8.4 or above.



Figure 3: The docking station supports both 3.5-inch and 2.5-inch SATA hard drives and SSDs.



Figure 4: Bottom view of the docking station highlighting the ventilation holes for heat dissipation.

Setup Guide

1. **Connect Power Adapter:** Plug the provided 12V/2A power adapter into the DC input port on the back of the docking station. Connect the other end to a power outlet.
2. **Connect USB Cable:** Connect one end of the USB 3.0 data cable to the USB 3.0 port on the docking station and the other end to an available USB 3.0 port on your computer.
3. **Insert Hard Drive:**
    - Gently slide open the dust cover on the top of the docking station.
    - Align your 2.5-inch or 3.5-inch SATA HDD/SSD with the SATA connector inside the slot.
    - Carefully push the drive down until it is firmly seated in the connector. For 2.5-inch drives, you may use the included foam pad for better stability.
    - Slide the dust cover back into place to protect the drive.

4. **Power On:** Press the power button located on the front of the docking station. The blue LED indicator will illuminate, indicating the device is powered on.
5. **System Recognition:** Your operating system (Windows or Mac OS) should automatically detect and install the necessary drivers. The drive will appear as a new storage device.



Figure 5: Detail of the power button and USB 3.0 port on the Inateck FD1006C docking station.



Figure 6: The docking station connected to its power adapter and USB 3.0 cable, ready for setup.

Operating Instructions

Accessing Data

Once the hard drive is successfully installed and the docking station is powered on, you can access your data through your computer's file explorer (Windows) or Finder (Mac OS). The green LED indicator will blink during data transfer, indicating activity.



Figure 7: The docking station connected to a laptop, demonstrating its use for data access and performance testing.

Safely Removing a Drive (Hot Plug Note)

While the docking station supports hot-plugging (meaning the PC doesn't need to be restarted after disk swaps), it is crucial to follow proper disconnection procedures to prevent data loss or damage to the drive:

1. **Eject Drive from OS:** Before physically removing the drive, always safely eject it from your operating system.
    - **Windows:** Click the "Safely Remove Hardware and Eject Media" icon in the system tray, then select the Inateck device or the specific drive.
    - **Mac OS:** Drag the drive icon from the desktop to the Trash, or right-click the drive icon and select "Eject".
2. **Power Off Docking Station:** Press the power button on the docking station to turn it off. Ensure the blue LED indicator is off.
3. **Remove Drive:** Gently slide open the dust cover and carefully pull the hard drive out of the slot.

Important: Always ensure the docking station is powered off before inserting or removing a hard drive to avoid potential data corruption or damage to the drive and the docking station.

Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the docking station. Do not use liquid cleaners or aerosols.
- **Dust Protection:** Always keep the sliding dust cover closed when a drive is not in use or when the docking station is stored to prevent dust accumulation in the connector area.
- **Ventilation:** Ensure the ventilation holes on the bottom of the unit are not obstructed during operation to maintain optimal heat dissipation.
- **Storage:** Store the docking station in a cool, dry place away from direct sunlight and extreme temperatures.

Troubleshooting

Problem	Possible Cause	Solution
Drive not detected by computer.	Docking station not powered on. USB cable not properly connected. Hard drive not properly seated. Drive not initialized or formatted (for new drives). Faulty USB port on computer.	Ensure the blue power LED is on. Press the power button. Check both ends of the USB cable. Try a different USB port. Remove and re-insert the hard drive, ensuring it clicks into place. For new drives, initialize and format it using Disk Management (Windows) or Disk Utility (Mac OS). Try connecting to a different computer or a different USB port.
Slow transfer speeds.	Connected to a USB 2.0 port. UASP not enabled (for SSDs). Drive performance limitations.	Ensure the docking station is connected to a USB 3.0 port on your computer. Ensure your operating system supports UASP (Windows 8/10, Mac OS 10.8.4 or above). Older HDDs naturally have lower transfer speeds than SSDs.
Docking station disconnects randomly.	Loose power or USB connection. Insufficient power supply. Overheating.	Check all cable connections. Ensure the power adapter is securely plugged in and providing stable power. Ensure proper ventilation; avoid placing the unit in enclosed spaces.

Specifications

Model Number	FD1006C
Brand	Inateck
Compatible Drive Types	2.5" / 3.5" SATA I/II/III HDD & SSD
Max Capacity Support	Up to 10TB
Interface	USB 3.0 (Backward compatible with USB 2.0/1.1)
Data Transfer Rate	Up to 5Gbps (USB 3.0)

UASP Support	Yes
Operating System Compatibility	Windows 2000/XP/Vista/7/8/10, Mac OS 9.1/10.8.4 above
Dimensions (L x W x H)	17.91 x 11.61 x 3.51 cm (approx. 7.05 x 4.57 x 1.38 inches)
Weight	145 g (approx. 0.32 lbs)
Power Supply	12V/2A Power Adapter

Warranty and Support

Inateck products typically come with a standard manufacturer's warranty. For specific warranty terms, duration, and to register your product, please refer to the official Inateck website or contact their customer support directly.
For technical support, troubleshooting assistance, or any inquiries regarding your Inateck FD1006C docking station, please visit the Inateck support page or contact their customer service team. Keep your purchase receipt and product model number (FD1006C) handy when seeking support.
Online Resources:

- Inateck Official Support Page
- Contact Inateck Customer Service

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Product Model: FD1006C

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