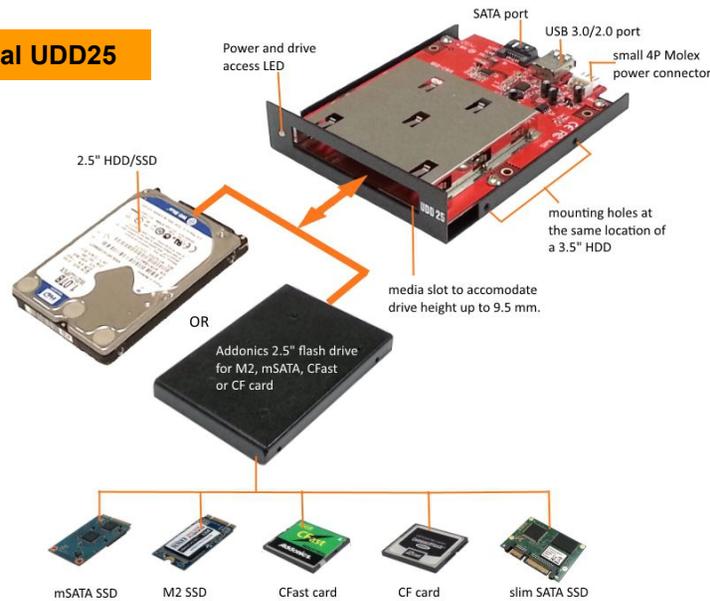## INTRODUCTION

The Addonics internal UDD25 is a storage Reader/Writer designed to use standard 2.5" HDD / SSD, M2 card, mSATA SSD, CFast card or CF card as a removable storage media like a floppy disc. As a matter of fact, literally any storage media that are in a standard 2.5" drive form factor with SATA connector can become a storage media for the Addonics UDD25. Designed to mount directly into a standard 3.5" drive bay, this internal UDD25 can be connected to a Desktop, Server or computing equipment via a SATA or the ubiquitous USB 3.0 / 2.0 port.

Ther is also a READ only of the internal UDD25 that blocks all the WRITE functions to the media, an ideal solution for forensic application or for protecting the storage media from virus attack and any accidental change of the content. For more information, please visit the Internal UDD25 READ only page.

Features illustration of Internal UDD25

The following Addonics optional adapters enables the UDD25 to READ/WRITE to M2, mSATA, CFast, CF, slim SATA SSD. or 1.8" micro SATA HDD/SSD:
(these adapters are included in the model: UDD25SU3-4F)

Show with media side facing up

M2 card in 2.5" M2 drive kit (AD25M2SSD)

mSATA SSD in 2.5" mSATA drive kit (AD25MSD)

CFast card in 2.5" Fast drive kit (AD25CFASTD-N)

CF card in 2.5" CF drive kit (AD25CFD-N)

Slim SATA SSD 2.5" HDD adapter (AA25SEMBK)

1.8" micro SATA - 2.5" SATA

note: the flash cards shown above are for illustration purpose and are not part of the 2.5" flash drive adapter.

FEATURES

- Read/Write to standard 2.5" SATA HDD/SSD or storage media with same dimension and connectors of the standard 2.5" SATA HDD
- READ/WRITE to M2, mSATA, CFast and CF card using optional Addonics 2.5" flash drive kit (these adapters are included in the PRO model: UDD25SU3-4F)
- Media can be insert or removed like using a floppy disc without restarting the computer (SATA connection requires SATA port that supports hot swap feature. All Addonics SATA controllers support hot swapping)
- Supported drive height from 7 - 9.5 mm
- Mount into any standard 3.5" drive bay or 5 1/4" drive bay with optional mounting bracket (AAMK53)
- Connect to system via SATA or USB port
- Support SATA 1, 2 and 3.0 speed*, up to 6 Gbps data transfer when connecting to SATA 3.0 port
- Support USB 3.0 and 2.0 speed*, up to 5 Gbps data transfer* with USB 3.0 connection
- Comes with all necessary cables:

    - high performance SATA cable (AAHPISC18)

    - USB 3.0 male A to internal USB 3.0 header cable (AAU3AMH)

    - USB 2.0 male to USB 5-pin male header cable (AAUSB51M)

    - USB 2.0 pin header cable (AA5PUSBCL-3F)

- Power from USB port, or PC power supply
- Complete Plug and Play, no software driver to install
- Media can be used as a boot device (for CF card, it may need to be fixed disk type depending on the OS)
- Compatible with Windows 8, 7, Me, XP, 98SE, all versions of Windows Server, Mac 9.0 and later release, Linux kernel 2.4 and later

    *Note: Maximum data transfer rate depends on the speed of the storage media

SPECIFICIATIONS

- Drive slot accomodates drive thickness up to 9.5 mm
- Device interface connectors: SATA and USB 3.0 type A female
- Combo LED for power and drive access
- Powered from USB port or via a small 4P molex power connector
- Dimension (W x L x H): 101 x 127 x 25 mm (3.98 x 5 x .98 in.)
- Weight: 200 g (7.05 oz.)
- Operating temperature and humidity: 0 - 65° C, 5 - 90 %RH
- Storage temperature and humididy: -20 - 75 ° C, 0 - 95 %RH (non-condensing)