



# USB2.0 to mSATA Converter Board

## Quick users guide

### 1. Features

- Supports SATA III, SATA II and SATA I mSATA SSD
- Compliant with Serial ATA Specification Revision 2.6
- Supports Serial ATA transfer rate of 6.0 Gbps
- Supports ATA/ATAPI Packet Command Set
- Supports ATA/ATAPI LBA 48 Addressing mode
- Compliant with Universal Serial Bus Specification Revision 2.0 (Data Rate 1.5/12/480 Mbps)
- Compliant with Open Host Controller Interface Specification for USB Rev 1.0a
- Compliant with Enhanced Host Controller Interface Specification for USB Rev 0.95
- Both USB micro-B connector and USB 5Pin Pinheader on board for UP board connection
- USB2.0 5Pin Pin Header Assignment: 5V, D-, D+, NC, GND
- Jumper selection either power wafer of external 5V sufficient power or 5V USB bus power to PCBA & mSATA SSD
- On board activity LED for mSATA accessing
- Includes 2 mSATA screws for the retention of mSATA module
- Includes HAT mounting accessory of standoff & nut & screw
- Fully RoHS compliant

### 2. Installation

1. Make sure your UP board is not powered on or connected to the power adapter.
2. Use a USB Micro-B cable (**USB\_m**) or 5Pin cable (**USB\_P**) to connect this board to your UP board
3. Install mSATA drive to mSATA Port

#### USB 5Pin Connector Signal

	<b>Label</b>	<b>Signal Name</b>
○	GND	Signal ground
○	NC	Keyed
○	D+	USB D+ signal
○	D-	USB D- signal
○	+5V	USB +5V

For more information about your UP board, software, accessories and peripherals, please visit

[www.up-community.org](http://www.up-community.org)