

# ***Renice*** X3 mSATA

50mm miniSATA (mini PCI-E form factor) SSD

## **Features**

- ◆ SANDFORCE Controller SF-1222
- ◆ Form Factor: 50mm miniSATA (mini PCI-E form factor)
- ◆ Capacities: 25GB, 60GB, 120GB
- ◆ Size: 50.35 x 30x 3.46mm
- ◆ Net Weight: <6g
- ◆ NCQ up to 32 commands
- ◆ RAID Support
- ◆ TRIM Support

## **Performance**

- ◆ Max Read Rate: 260MB/sec
- ◆ Max Write Rate: 200MB/sec
- ◆ 4kb Random Read IOPS: 30,000
- ◆ Access Time: 0.1ms

## **Power Consumption and Environment**

- ◆ Input Voltage: 3.3V±5%
- ◆ Idle: <0.5W
- ◆ Active: <0.9W
- ◆ Operating Temperature: 0 to 70°C
- ◆ Storage Temperature: -40 to 85°C

## **Reliability**

- ◆ MTBF: >2,000,000 hours
- ◆ High and Reliable ECC capability up to 24bits/sector
- ◆ S.M.A.R.T features optimized for SSD
- ◆ Bit error monitoring and managing
- ◆ Dynamic and static wear-leveling
- ◆ Dynamic bad block management
- ◆ SMART commands and additional SSD monitoring
- ◆ 2 Years warranty

## **Typical Applications**

- ◆ Asus EP121, EEE PC, X101
- ◆ Lenovo E220s, E420s, Y460, Y560, K26, K47A, K47G, T420s, T420, T520, L420, L520, W520, X220
- ◆ Dell M4500, M6400, M6500
- ◆ Fusion Garage JOOJOO