

# SATADOM

## R & L Type High Profile -Embedded Flash Storage-

- ❑ Capacity of the 128MB to 8 GB
- ❑ Industry quality product is with build in ECC (Error Correction Code)
- ❑ Simple and easy to install
- ❑ Advanced and innovative mechanical design for anti-vibration
- ❑ Built in VCC at pin 7
- ❑ Zero Mechanical Interference



### Specifications:

<b>Capabilities:</b>	128 MB ~ 8 GB
<b>Interface:</b>	Serial ATA I
<b>Transfer Rate:</b>	PIO Mode 0-4 MwDMA mode 0-2 Ultra DMA Mode 0-2
<b>Burst Speed Rate:</b>	150 MB/sec
<b>Data Transfer Rate:</b>	Read: 24MB/sec. (max) Write 14 MB/sec.
<b>Operation Temp:</b>	0°C~+70°C (Standard) -40°C~+85°C (Industrial)
<b>Storage Temp:</b>	-55°C ~ + 95°C
<b>Humidity:</b>	10% ~ 95 % non-condensing
<b>Vibration:</b>	5G (7~2000Hz)
<b>Shock:</b>	50G/10ms

<b>ECC Technology</b>	Built in ECC corrects up to 8-bit per 512 Byte
<b>MTBF:</b>	>3,000,000 hours
<b>R/W Endurance:</b>	2,000,000 times
<b>Wear-Leveling:</b>	Support
<b>DC Input Voltage:</b>	+5V single Power supply operation
<b>Power consumption</b>	200mA (max.)
<b>Enclosure Material</b>	PC mechanical cover and UL-94
<b>Dimensions:</b>	25x39.4x6.5 (WxLxH)
<b>Weight:</b>	10+/-3g
<b>Certificate:</b>	CE, FCC, RoHS