

## Embedded Solutions



PATA

# PATA PTM520 Flash Module (40 Pin Vertical)

Transcend's 40-pin PATA PTM520 Flash Modules can be inserted directly to a system motherboard via any PATA (IDE) interface to replace conventional 3.5" hard disk drives. Ideal for use as bootable drives, the 40-pin PATA PTM520 Flash Module is an easy solution for integrating SSD storage technology into legacy PC-based systems.

## Hardware Features

- Compliant with RoHS 2.0 standards
- SLC NAND flash

## Firmware Features

- Security Command
- Enhanced S.M.A.R.T. function for durability
- Built-in ECC (Error Correction Code) functionality
- Based on PIO Mode 0~4
- Based on Ultra DMA Mode 0~5

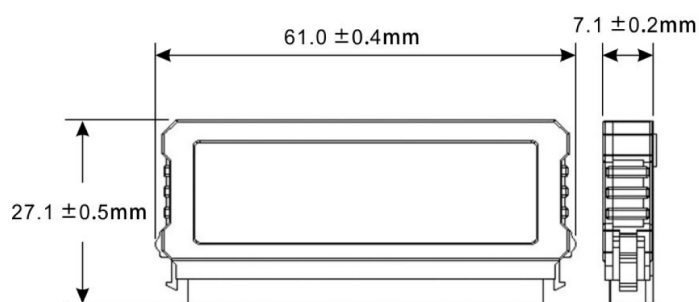
## Ordering Information

1GB	TS1GPTM520
2GB	TS2GPTM520
4GB	TS4GPTM520
512MB	TS512MPTM520

## Specifications

<b>Appearance</b>	Dimensions	61.0 mm x 27.1 mm x 7.1 mm (2.4" x 1.07" x 0.28")
	Weight	20 g (0.71 oz)
	Pin Count	40 pin
<b>Interface</b>	Bus Interface	PATA
<b>Storage</b>	Flash Type	SLC NAND flash
	Capacity	512 MB / 1 GB / 2 GB / 4 GB
<b>Power</b>	Power Consumption (Operation)	0.9 watt(s)
<b>Performance</b>	Read Speed (Max.)	up to 39 MB/s
	Write Speed (Max.)	up to 42 MB/s
	Mean Time Between Failures (MTBF)	1,000,000 hour(s)
<b>Warranty</b>	Warranty	Three-year Limited Warranty

## Mechanical Dimensions



Product specifications are subject to change without notice. Pictures shown may differ from actual products. Total accessible capacity varies depending on operating environment. Due to the complexity and variety of industrial applications, Transcend cannot guarantee 100% compatibility with all platforms and under all scenarios. For special applications and environments, it is strongly suggested that you contact Transcend beforehand for clarification.