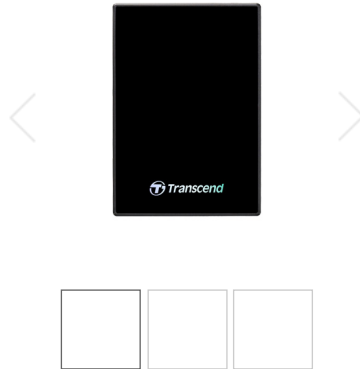




## 2.5" PATA SSDs



### PSD330

Transcend's 2.5" PATA SSDs offers high-speed UDMA Mode 6, and offer installation flexibility for desktops, laptops or portable devices built around the 2.5" PATA (IDE) storage device standard. When replacing a traditional 2.5" IDE HDD with an SSD to enhance overall system performance, industrial-grade 2.5" PATA SSDs are the optimal choice.

Share



#### Features

- Compliant with RoHS 2.0 standards
- Fully compatible with devices and OS that support the IDE standard (44-Pin, pitch = 2.00 mm)
- Built-in ECC (Error Correction Code) functionality
- Enhanced S.M.A.R.T. function for durability
- Security Commands
- Global Wear-Leveling and Block management for reliability
- Supports Ultra DMA Mode 6
- Power Shield (PS) to prevent data loss in the event of sudden power outage
- MLC NAND flash

[/Support](#)

#### Specifications

##### Appearance

Dimensions	100.3 mm x 69.85 mm x 7.4 mm (3.95" x 2.75" x 0.29")
Weight	55 g (1.94 oz)
Pin	44 pin
Form Factor	2.5"

##### Interface

Bus Interface	PATA
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**Storage**

Flash Type	MLC NAND flash
Capacity	32 GB / 64 GB / 128 GB

**Operating Environment**

Operating Voltage	5V±5%
Operating Temperature	0°C (32°F) ~ 70°C (158°F)
Storage Temperature	-40°C (-40°F) ~ 85°C (185°F)
Humidity	0% ~ 95%
Shock	1500 G, 0.5 ms, 3 axis
Vibration (Operating)	20 G (peak-to-peak), 20 Hz ~ 2,000 Hz (frequency)

**Power**

Power Consumption (Operation)	1.24 watt(s)
Power Consumption (Sleep)	0.004 watt(s)

**Performance**

Sequential Read/Write (CrystalDiskMark, max.)	Read: 120 MB/s Write: 75 MB/s
Mean Time Between Failures (MTBF)	1,000,000 hour(s)
Terabytes Written (Max.)	80 TB
Note	Speed may vary due to host hardware, software, usage, and storage capacity.

**Warranty**

Certificate	CE / FCC / BSMI
Warranty	Three-year Limited Warranty
Warranty Policy	<ul style="list-style-type: none"> <li>• Please click here (<a href="#">Warranty</a>) for more information about the Transcend Warranty Policy.</li> <li>• 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.</li> </ul>

[/Support](#)**Order Information**

32GB

TS32GPSD330

64GB

TS64GPSD330

128GB

TS128GPSD330

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- [Internal SSDs \(/product/ssd\)](/product/ssd)
- [Portable SSDs \(/product/portablesd\)](/product/portablesd)
- [External Hard Drives \(/product/external\)](/product/external)
- [Personal Cloud Storage \(/product/cloud-storage\)](/product/cloud-storage)
- [Dashcams \(/product/cvr\)](/product/cvr)
- [Body Cameras \(/product/bodycam\)](/product/bodycam)
- [Memory Cards \(/product/memorycards\)](/product/memorycards)
- [USB Flash Drives \(/product/usb\)](/product/usb)
- [DRAM Modules \(/product/modules\)](/product/modules)
- [Card Readers & Accessories \(/product/readers\)](/product/readers)
- [Apple Solutions \(/apple\)](/apple)
- [Customized Solutions \(/products/oem.aspx\)](/products/oem.aspx)

### Embedded Solutions

- [SSD Solutions \(/Embedded/cate-301\)](/Embedded/cate-301)
- [Flash Solutions \(/Embedded/cate-302\)](/Embedded/cate-302)
- [Memory Cards \(/Embedded/cate-303\)](/Embedded/cate-303)
- [DRAM Modules \(/Embedded/cate-304\)](/Embedded/cate-304)


### Support

- [Product Support \(/support/service\)](/support/service)
- [Software Download \(/support/software\)](/support/software)
- [Warranty Check \(/support/verification\)](/support/verification)
- [Compatibility \(/support/compatibility\)](/support/compatibility)
- [Where to Buy \(/support/buy\)](/support/buy)
- [Partner Center \(/partnercenter/\)](/partnercenter/)

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- [Shareholder Services \(/abou](/about/shareholder)
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