

TS32/64/128GSSD18M-M

1.8" Portable Solid State Disk

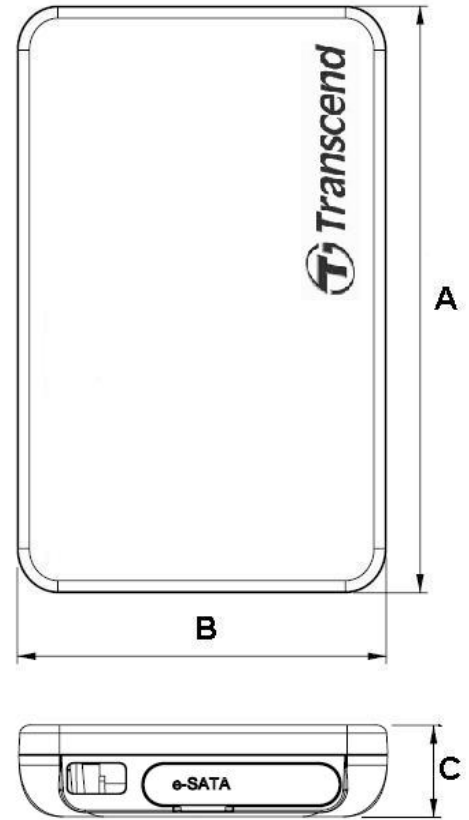
Description

Transcend's 1.8" Solid State Drive (SSD) advanced, eSATA / USB 2.0 external storage device is the perfect way to add an extra hard drive to your computer for downloading, backing up, and transporting and your data. With both eSATA and USB 2.0 connection options, the SSD18M gives you the ultimate in flexibility. The USB interface provides maximum compatibility with all types of notebooks and PCs, while the new high-speed eSATA interface gives you the maximum performance possible from your SSD with transfer speeds up to 90MB/s. Combining portability, reliability, and elegant exterior, the SSD18M is the perfect choice for downloading, backing up, and transporting all your data.

Features

- Build-in 1.8" high-speed solid state drive
- Slim, lightweight, pocket-friendly size
- Faster and more durable than 1.8"/2.5" hard drives
- Two connection options: eSATA or USB2.0
- Shock and vibration resistance
- LED indicator light

Placement



Dimensions

Side	Millimeters	Inches
A	80.00 ± 1.00	3.150 ± 0.040
B	50.00 ± 1.00	1.969 ± 0.040
C	12.50 ± 1.00	0.492 ± 0.040

System Requirements

- Desktop or notebook computer with a working eSATA

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or USB port.

- One of the following operating systems:
 - Windows® 2000 / XP /Vista
 - Mac® OS 9.0, or later (USB only)
 - Mac® OS 10.4, or later (eSATA)
 - Linux® Kernel 2.4, or later (USB only)

Pinouts (USB)

Pin No.	Pin Name
01	VCC
02	USB-
03	USB+
04	VSS

Pin Identification (USB)

Symbol	Function
USB-	USB differential signal
USB+	The pair are used to transmit Data/Address/Command
VCC	USB Cable Power Detector
VSS	Ground

Pinouts (eSATA)

Block Diagram

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Pin No.	Pin Name
01	VSS
02	TX+
03	TX-
04	VSS
05	RX-
06	RX+
07	VSS

Pin Identification (eSATA)

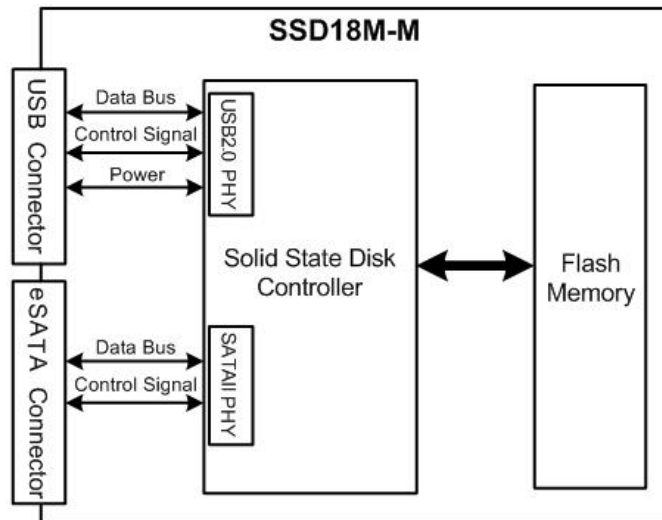
Symbol	Function
TX+/TX-	eSATA differential signal
RX+/RX-	The two pairs are used to transmit Data/Address/Command
VSS	Ground

Ordering Information

<i>Device Description</i>	<i>Capacity</i>	<i>Transcend P/N</i>
SSD18M	32GB	TS32GSSD18M-M
SSD18M	64GB	TS64GSSD18M-M
SSD18M	128GB	TS128GSSD18M-M

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Specifications

Storage Media	1.8 inch solid state drive		
Temperature	Operating	0 °C (32 °F) to 70 °C (158 °F)	
	Storage	-30 °C (-22 °F) to 70 °C (158 °F)	
Max. Transfer Speed	eSATA	Read: 90MB/s	Write: 50MB/s
	USB 2.0	Read: 35MB/s	Write: 25MB/s
Access Speed	Less than 1ms		
Operating Voltage	DC 5V (from USB port)		
Size (L x W x H)	80.00mm x 50.00mm x 12.50mm		
Weight	50g (Max)		
Certificates	CE, FCC, BSMI		

Above technical information is based on industry standard data and tested to be reliable. However, Transcend makes no warranty, either expressed or implied, as to its accuracy and assumes no liability in connection with the use of this product. Transcend reserves the right to make changes in specifications at any time without prior notice.