



PCIe Gen3.0 SSD for Mac[®] **JetDrive™ 850**

Is your Mac getting sluggish? Transcend's JetDrive 850 SSD utilizes the PCIe™ Gen3.0 interface to unleash next-generation performance, instantly revitalizing your MacBook Pro, MacBook Air, Mac mini, or Mac Pro!



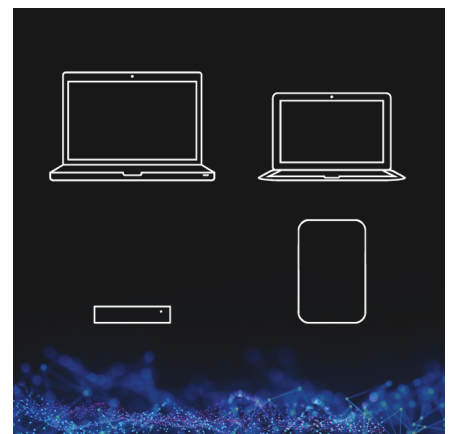
Expand storage in a flash

Upgrading your Mac with a Transcend JetDrive 850 allows you to increase storage capacity to up to 960GB, ensuring you have plenty of space for your documents, photos, music, and videos.



Feel the need for speed

Transcend's JetDrive 850 utilizes the PCIe™ Gen3 x4 interface paired with the latest 3D NAND flash, resulting in compelling performance of up to 1,600MB/s read and 1,400MB/s write. Transcend's JetDrive 850 gives you fluid, real-time performance for demanding professional tasks, video editing, or 3D graphics rendering.



For your Apple devices

The JetDrive 850 is compatible with MacBook Air 11" and 13" (Mid 2013 – 2017), MacBook Pro Retina® 13" and 15" (Late 2013 – Mid 2015), Mac mini (Late 2014), and Mac Pro (Late 2013). It supports devices running macOS High Sierra 10.13 or later.



PCIe Gen3.0 SSD for Mac®

JetDrive™ 850

Features

- Compatible with MacBook Air 11" & 13" (Mid 2013 – 2017), MacBook Pro Retina® 13" & 15" (Late 2013 – Mid 2015), Mac mini (Late 2014), and Mac Pro (Late 2013)
- NVMe PCIe Gen3 x4 interface
- Up to 1,600 MB/s read; 1,400 MB/s write
- Installation tools included
- Compatible with devices running macOS High Sierra (10.13) or later




JetDrive Toolbox

JetDrive Toolbox is designed for Transcend's Apple Solutions including JetDrive SSDs, JetDrive Lite expansion cards, and JetDrive Go flash drives. The software helps maintain a healthy SSD by keeping it up-to-date and preventing problems before they occur.

Specifications

Interface

Bus Interface	NVMe PCIe Gen3 x4
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Storage

Flash Type	3D NAND flash
Capacity	240 GB / 480 GB / 960 GB

Operating Environment

Operating Temperature	0°C (32°F) ~ 60°C (140°F)
Note	• Performance tested with AJA v1.0 / Black Magic v3.1.

Performance

Read Speed (Max.)	1,600 MB/s
Write Speed (Max.)	1,400 MB/s

Note	<ul style="list-style-type: none"> • Speed may vary due to host hardware, software, usage, and storage capacity. • The 1TB native SSD is not compatible with the JetDrive 855 and JetDrive 825's enclosure as its dimensions are designed larger than other capacities.
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Warranty

Warranty	Five-year Limited Warranty
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Ordering Information

240GB	TS240GJDM850
480GB	TS480GJDM850
960GB	TS960GJDM850

Comparison



JetDrive™ 855



JetDrive™ 850



JetDrive™ 825



JetDrive™ 820

Appearance

Dimensions (Max.)	120 mm x 31.5 mm x 18.2 mm (4.72" x 1.24" x 0.72")	-	120 mm x 31.5 mm x 18.2 mm (4.72" x 1.24" x 0.72")	-
Weight (Max.)	88 g (3.10 oz)	-	88 g (3.10 oz)	-

Interface

Connection Interface	Thunderbolt 10 Gb/s	-	Thunderbolt 10 Gb/s	-
Bus Interface	NVMe PCIe Gen3 x4	NVMe PCIe Gen3 x4	AHCI PCIe Gen3 x2	AHCI PCIe Gen3 x2

Storage

Flash Type	3D NAND flash			
Capacity	240 GB/480 GB/960 GB			

Operating Environment

Operating Temperature	0°C (32°F) ~ 60°C (140°F)			
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Performance

Read Speed (Max.)	1,600 MB/s	1,600 MB/s	950 MB/s	950 MB/s
Write Speed (Max.)	1,400 MB/s	1,400 MB/s	950 MB/s	950 MB/s

Warranty

Warranty	Five-year Limited Warranty			
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- Speed may vary due to host hardware, software, usage, and storage capacity.
- The 1TB native SSD is not compatible with the JetDrive 855 and JetDrive 825's enclosure as its dimensions are designed larger than other capacities.
- Performance tested with AJA v1.0 / Black Magic v3.1.

Match it up

Find the right JetDrive model for your Mac.

Mac Model		Mac Identifier	JetDrive Model
MacBook Air	11"	Early 2015	MacBook Air 7,1 JetDrive 855 / JetDrive 850 / JetDrive 825 / JetDrive 820
		Mid 2013 – Early 2014	MacBook Air 6,1 JetDrive 855 / JetDrive 850 / JetDrive 825 / JetDrive 820
		Mid 2012	MacBook Air 5,1 JetDrive 520
		Late 2010 - Mid 2011	MacBook Air 3,1 / 4,1 *480/960GB JDM500 does not support 3,1 JetDrive 500
	13"	Mid 2013 –2017	MacBook Air 6,2 / 7,2 JetDrive 855 / JetDrive 850 / JetDrive 825 / JetDrive 820
		Mid 2012	MacBook Air 5,2 JetDrive 520
Late 2010 - Mid 2011		MacBook Air 3,2 / 4,2 JetDrive 500	
MacBook Pro (Retina®)	13"	Late 2013 - Early 2015	MacBook Pro 11,1 / 12,1 JetDrive 855 / JetDrive 850 / JetDrive 825 / JetDrive 820
		Late 2012 - Early 2013	MacBook Pro 10,2 JetDrive 720
	15"	Late 2013 - Mid 2015	MacBook Pro 11,2 / 11,3 / 11,4 / 11,5 JetDrive 855 / JetDrive 850 / JetDrive 825 / JetDrive 820
		Mid 2012 - Early 2013	MacBook Pro 10,1 JetDrive 725
Mac mini	-	Late 2014	Mac mini 7,1 JetDrive 855 / JetDrive 850 / JetDrive 825 / JetDrive 820
		Mid 2010 - Late 2012	Mac mini 4,1 / 5,1 / 5,2 / 6,1 / 6,2 JetDrive 420
Mac Pro	-	Late 2013	Mac Pro 6,1 JetDrive 855 / JetDrive 850 / JetDrive 825 / JetDrive 820
MacBook Pro	-	Late 2008 - Mid 2012	MacBook Pro 5,1 / 5,2 / 5,3 / 5,5 / 6,1 / 6,2 / 7,1 / 8,1 / 8,2 / 8,3 / 9,1 / 9,2 JetDrive 420
MacBook	-	Late 2008 - Mid 2010	MacBook 4,1 / 5,1 / 5,2 / 6,1 / 7,1 JetDrive 420

- The 1TB native SSD is not compatible with the JetDrive 855 and JetDrive 825's enclosure as its dimensions are designed larger than other capacities.
- The native SSD of the 11-inch MacBook Air Early 2015 is only compatible with macOS 10.13 when it is used as external storage.
- The 480GB / 960GB JetDrive 500 is not supported by the 11-inch MacBook Air Late 2010 model due to mechanical limitations.
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