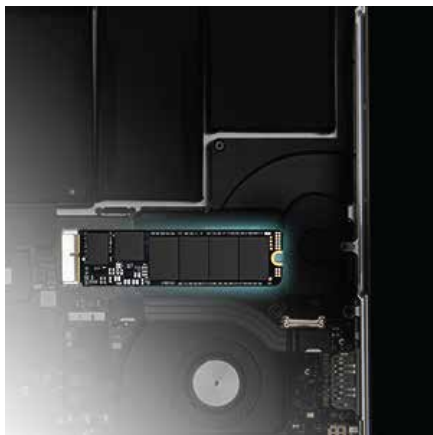


## PCIe Gen3.0 SSD for Mac<sup>®</sup> **JetDrive™ 820**

Is your Mac getting sluggish? Transcend's JetDrive 820 SSD utilizes the PCIe™ Gen3.0 interface to unleash next-generation performance, instantly revitalizing your MacBook Pro, MacBook Air, Mac mini, or Mac Pro!



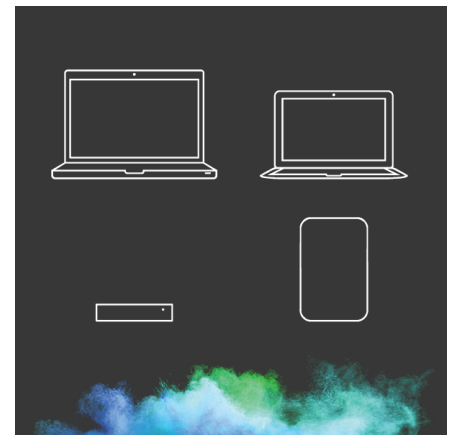
### Expand storage in a flash

Upgrading your Mac with a Transcend JetDrive 820 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 820 utilizes the PCIe™ Gen3 x2 interface paired with the latest 3D NAND flash, resulting in compelling performance of up to 950MB/s read and 950MB/s write. Transcend's JetDrive 820 gives you fluid, real-time performance for professional tasks, video editing, and 3D graphics.



### For your Apple devices

The JetDrive 820 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 10.10 or later.



## PCIe Gen3.0 SSD for Mac® JetDrive™ 820

### 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)
- AHCI PCIe Gen3 x2 interface
- Up to 950 MB/s read; 950 MB/s write
- Installation tools included
- Free download of the JetDrive Toolbox software




### 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	AHCI PCIe Gen3 x2
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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) ~ 70°C (158°F)
Note	• Performance tested with AJA v1.0 / Black Magic v3.1.

#### Performance

Read Speed (Max.)	950 MB/s
Write Speed (Max.)	950 MB/s

Note	<ul style="list-style-type: none"> <li>• Speed may vary due to host hardware, software, usage, and storage capacity.</li> <li>• 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.</li> </ul>
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#### Warranty

Warranty	Five-year Limited Warranty
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#### Ordering Information

240GB	TS240GJDM820
480GB	TS480GJDM820
960GB	TS960GJDM820

## 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.
- Apple, Mac, MacBook Pro, MacBook Air, Mac mini, Mac Pro, and Retina are trademarks of Apple Inc.