



## 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 |
|---------------|-------------------|

#### 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               | • Speed may vary due to host hardware, software, usage, and storage capacity.<br>• 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. |

#### Warranty

|          |                            |
|----------|----------------------------|
| Warranty | Five-year Limited Warranty |
|----------|----------------------------|

### 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<br>(4.72" x 1.24" x 0.72") | - | 120 mm x 31.5 mm x 18.2 mm<br>(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) |  |  |  |
|-----------------------|---------------------------|--|--|--|

### 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 |  |  |  |
|----------|----------------------------|--|--|--|

- 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             | JetDrive 855 / JetDrive 850 / JetDrive 825 / JetDrive 820 |
|                       |     | Mid 2013 – Early 2014  | JetDrive 855 / JetDrive 850 / JetDrive 825 / JetDrive 820 |
|                       |     | Mid 2012               | JetDrive 520                                              |
|                       |     | Late 2010 - Mid 2011   | JetDrive 500                                              |
|                       | 13" | Mid 2013 –2017         | JetDrive 855 / JetDrive 850 / JetDrive 825 / JetDrive 820 |
|                       |     | Mid 2012               | JetDrive 520                                              |
|                       |     | Late 2010 - Mid 2011   | JetDrive 500                                              |
| MacBook Pro (Retina®) | 13" | Late 2013 - Early 2015 | JetDrive 855 / JetDrive 850 / JetDrive 825 / JetDrive 820 |
|                       |     | Late 2012 - Early 2013 | JetDrive 720                                              |
|                       | 15" | Late 2013 - Mid 2015   | JetDrive 855 / JetDrive 850 / JetDrive 825 / JetDrive 820 |
|                       |     | Mid 2012 - Early 2013  | JetDrive 725                                              |
| Mac mini              | -   | Late 2014              | JetDrive 855 / JetDrive 850 / JetDrive 825 / JetDrive 820 |
|                       |     | Mid 2010 - Late 2012   | JetDrive 420                                              |
| Mac Pro               | -   | Late 2013              | JetDrive 855 / JetDrive 850 / JetDrive 825 / JetDrive 820 |
| MacBook Pro           | -   | Late 2008 - Mid 2012   | JetDrive 420                                              |
| MacBook               | -   | Late 2008 - Mid 2010   | 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.