

# **Release Notes**

## Pegasus SR 3.4.14

- *Firmware 6.04.0000.42 (New)*
- *MAC Utility 4.06.0000.01 (New)*
- *MAC Utility 4.04.0000.46 (New)*
- *Windows Utility 2.04.0000.46 (New)*
- *MacOS Driver 6.2.17 (New)*
- *MacOS USB Filter Driver 1.0.5 (New)*
- *Windows Driver 6.2.0.16 (New)*

This document is applicable to the following PROMISE Pegasus Series models:

| Model       | Description          |
|-------------|----------------------|
| Pegasus R4i | For MAC Pro internal |
| Pegasus32   | R4, R6, R8           |
| Pegasus3    | R4, R6, R8           |
| Pegasus2    | R4, R6, R8, M4       |

## 1. Revision History

| Build Date | Release   | Revision   | Description   |
|------------|-----------|--|---|
| 2021/8/13  | SR 3.4.14 | <ul style="list-style-type: none"> <li>FW 6.04.0000.42 (Pegasus3,Pegasus32, Pegasus R4i)</li> <li>Mac SW 4.06.0000.01 (macOS ver. &gt;= 11.0.1)</li> <li>Mac SW 4.04.0000.46 (macOS ver. &lt;= 10.15.7)</li> <li>Mac Driver 6.2.17 (out-box)</li> <li>Mac USB Filter Driver 1.0.5</li> <li>Windows Driver 6.2.0.16</li> <li>Windows SW 2.04.0000.46</li> </ul> | <ul style="list-style-type: none"> <li>Firmware , Windows / Mac driver &amp; SW Enhancements</li> <li>SW (4.06.0000.01+) – Natively support Apple-M1 Macs</li> <li>Mac USB Filter driver - Support Apple-M1 Macs</li> </ul> |
| 2020/12/31 | SR 3.4.10 | <ul style="list-style-type: none"> <li>Mac Driver 6.2.16 (out-box)</li> </ul>  | <ul style="list-style-type: none"> <li>Support Apple-M1 Macs</li> </ul>   |
| 2020/09/15 | SR 3.4.8  | <ul style="list-style-type: none"> <li>FW 6.04.0000.37</li> <li>Mac SW 4.04.0000.42</li> <li>Windows SW 2.04.0000.34</li> </ul>  | <ul style="list-style-type: none"> <li>Firmware &amp; Software Enhancements</li> </ul>  |
| 2020/03/11 | SR 3.4.6  | <ul style="list-style-type: none"> <li>Mac SW 4.04.0000.40</li> </ul>  | <ul style="list-style-type: none"> <li>Software Enhancements</li> </ul>   |
| 2020/01/09 | SR 3.4.4  | <ul style="list-style-type: none"> <li>FW 6.04.0000.35 (Pegasus3,Pegasus32, Pegasus R4i)</li> <li>FW 5.04.000.64 (Pegasus2)</li> <li>Mac SW 4.04.0000.39</li> <li>Windows Driver 6.2.0.11</li> <li>Windows SW 2.04.0000.32</li> </ul>  | <ul style="list-style-type: none"> <li>Firmware, Windows driver &amp; Software Enhancements</li> </ul>  |
| 2019/11/19 | SR 3.4.2  | <ul style="list-style-type: none"> <li>Mac SW 4.04.0000.37</li> </ul>  | <ul style="list-style-type: none"> <li>Added support for macOS 10.15.1</li> </ul>   |
| 2019/09/23 | SR 3.4    | <ul style="list-style-type: none"> <li>FW 6.04.0000.18 (Pegasus3)</li> <li>Mac Driver 6.2.13</li> <li>Mac SW 4.04.0000.17</li> <li>Windows Driver 6.2.0.9</li> <li>Windows SW 2.04.0000.20</li> </ul>  | <ul style="list-style-type: none"> <li>First Release for Pegasus32 R4, R6, R8</li> <li>Bug Fixing</li> <li>Support macOS 10.15</li> </ul>   |

## 2. Firmware Release Summary

Pegasus R4i, Pegasus3 and Pegasus32 firmware is upgraded to version 6.04.0000.42

### 2.1. New Features

| No. | Ref #     | Description  |
|-----|-----------|--|
| 1   | RB-259378 | Add device temperature value to critical and warning temperature event |
| 2   | RB-259556 | Record the previous FW version in FW update event                      |

### 2.2. Fixed Issues

| No. | Ref #     | Description   |
|-----|-----------|---|
| 1   | N/A       | Disable the Port B function on Pegasus32 when connecting with USB Host  |
| 2   | N/A       | Enhance external boot support for specific PC   |
| 3   | RB-261021 | Fix "Physical Disk has been removed" is not recorded when a physical drive is removed from Pegasus32 while running in USB mode. |
| 4   | RB-261719 | Fix M1 Mac panic when Pegasus does Spare Check  |

Firmware (FW) for Pegasus2 R4/R6/R8/M4 is no changed in this release.

### 3. Mac Utility Release Summary

Pegasus Utility for macOS is upgraded to:

- 4.06.0000.01 (macOS 11.0.1 or above)
- 4.04.0000.46 (macOS 10.15.7 or below)

#### 3.1. New Features for 4.06.0000.01

| No. | Ref #                  | Description   |
|-----|------------------------|---|
| 1   | N/A                    | Natively support Apple-M1 Macs without needing to enable Rosetta for x86 emulation. |
| 2   | RB-261626<br>RB-261842 | Remove the Promise Utility icon from the Menu Bar.                                  |

#### 3.2. Fixed Issues for 4.06.0000.01

| No. | Ref #     | Description   |
|-----|-----------|---|
| 1   | RB-260457 | Utility shows incorrect driver version on Mac with Big Sur. |
| 2   | RB-261845 | Disable "Transport" button for Pegasus R4i                  |

#### 3.3. New Features for 4.04.0000.46

| No. | Ref #                  | Description  |
|-----|------------------------|--|
| 1   | RB-258271              | Enhance SMART data for Seagate HDD                 |
| 2   | RB-261626<br>RB-261842 | Remove the Promise Utility icon from the Menu Bar. |

#### 3.4. Fixed Issues for 4.04.0000.46

| No. | Ref #     | Description  |
|-----|-----------|--|
| 1   | RB-260712 | Promise utility causes memory leaks after launching utility for a while. |
| 2   | RB-261845 | Disable "Transport" button for Pegasus R4i                               |

## 4. Windows Utility Release Summary

Pegasus Utility for Windows is upgraded to 2.04.0000.46

**NOTE: This release is the last version that supports 32-bit Windows 10, 32-bit/64-bit Windows 8, 32-bit/64-bit Windows 8.1, and 32-bit/64-bit Windows 7. The future release will only support 64-bit Windows 10 or newer Windows.**

### 4.1. New Features for 2.04.0000.46

| No. | Ref #     | Description                        |
|-----|-----------|------------------------------------|
| 1   | RB-258271 | Enhance SMART data for Seagate HDD |

### 4.2. Fixed Issues for 2.04.0000.46

| No. | Ref #     | Description   |
|-----|-----------|---|
| 1   | RB-261061 | Pegasus Utility cannot detect Pegasus on 32-bit Windows 10 and 64-bit Windows 7 |

## 5. MAC Driver Release Summary

Third-party Apple-M1 .KEXT Mac Driver was not a built-in in-box driver in macOS 11. Therefore, Promise provides out-box driver for Apple-M1 Macs supporting Pegasus product Series.

MacOS out-box Driver is upgraded to version 6.2.17. Support macOS 11.0.1 and above, including both x86 and M1 platform.

There is installation guide in the driver package, please follow the instruction to install the driver.

### 5.1. Fixed Issues for out-box 6.2.17

| No | Ref #                  | Description  |
|----|------------------------|--|
| 1  | RB-261253<br>RB-261721 | Fix the compatibility problem of Pegasus2 when running Promise Utility on M1 Mac |

## 5.2. MAC in-box Driver

Following is the Pegasus Mac Driver version which is embedded with macOS.

It supports Pegasus, Pegasus2 R4/R6/R8/M4 (since 5.2.10), Pegasus3 R4/R6/R8 (since 6.2.9), and Pegasus32 R4/R6/R8 (since 6.2.9) and Pegasus R4i (since 6.2.13).

| OS Version                   | Inbox Driver Version |
|------------------------------|----------------------|
| macOS 10.15 or above         | 6.2.13               |
| macOS 10.13 ~ macOS 10.14    | 6.2.9                |
| MAC OS X 10.10 ~ macOS 10.12 | 5.2.10               |
| MAC OS X 10.9.2              | 5.2.7                |
| MAC OS X 10.9.1              | 5.1.66               |
| MAC OS X 10.8.5              | 5.1.64               |

## 6. MAC USB Filter Driver Release Summary

MacOS USB Filter Driver is upgraded to version 1.0.5. Support macOS 11.0.1 and above, including both x86 and M1 platform.

### 6.1. Fixed Issues for USB Filter Driver

| No | Ref #     | Description   |
|----|-----------|---|
| 1  | N/A       | Support Apple-M1 Macs   |
| 2  | RB-260415 | Fix Promise Utility can't be launched on M1 Mac, when Pegasus32 is running on USB mode. |

## 7. Windows Driver Release Summary

Windows Driver is upgraded to version 6.2.0.16.

Support Windows 10 / 8 / 8.1 / 7.

**NOTE: The driver can be installed from latest Windows Update.**

### 7.1. Fixed Issues

| No. | Ref # | Description   |
|-----|-------|---|
| 1   | N/A   | Add new ID for supporting OEM product.                  |
| 2   | N/A   | Improve resource allocation for supporting specific PC. |

## 8. Contacting Technical Support

**PROMISE Support Website at <http://www.promise.com/support>**

**PROMISE E-mail Support at <http://support.promise.com/>**

### **PROMISE Disclaimer**

#### **Notice:**

Although PROMISE Technology, Inc. has attempted to ensure the accuracy of the content of this document; it is possible that this document may contain technical inaccuracies, typographical, or other errors. PROMISE Technology assumes no liability for any errors in this publication, and for damages, whether direct, indirect, incidental, and consequential or otherwise, that may result from such error, including, but not limited to loss of data or profits.

PROMISE Technology provides this publication “as is” without warranty of any kind, either express or implied, including, but not limited to implied warranties of merchantability or fitness for a particular purpose. The published information in the manual is subject to change without notice. Promise Technology reserves the right to make changes in the product design, layout, and driver revisions without notification to its users. This version of this document supersedes all previous versions.

© 2021 PROMISE Technology, Inc. All Rights Reserved. PROMISE, the PROMISE logo, VTrak, SmartStor, SuperTrak, FastTrak, VessRAID, Vess, PerfectPATH, PerfectRAID, SATA150, ULTRA133, Pegasus, PegasusPro, GreenRAID, FileBoost are registered or pending trademarks of PROMISE Technology, Inc. in the U.S. and other countries. All other trademarks are the property of their respective owners. Information regarding products, services and offerings may be superseded by subsequent documents and are subject to change without notice.