



R7602L Release Notes

V1.00 - July 17, 2026

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1. Overview

This release notes describe the supported operating systems, new features, resolved issues, known issues, and trouble shooting with the R7602L Release Notes.

The information contained in this document is intended as supplemental information only; it should be used in conjunction with the documentation provided for each component.

1.1. Basic Information

The following table describes the basic information of the the Released Notes.

Table 1-1: Basic Information of the Windows Software Released Notes

Released Component	HighPoint_NVMe_G5_RAID_Windows_Software_HLK_v1.6.14.0.1_26_07_17.zip
Released Contents	● First release of R7602L.
Released Version	Windows Software Version: v1.6.14.0.1 (Driver Version: v1.6.14.0) (RAID Management Version: v3.1.82)
Released Date	07/17/2026
Supported Operating Systems	● Windows 11 ● Windows 10 ● Windows Server 2025 ● Windows Server 2022 ● Windows Server 2019 ● Windows Server 2016 ● Windows Hyper-V Server 2019

Table 1-2: Basic Information of the Linux Software Released Notes

Released Component	HighPoint_NVMe_G5_RAID_Linux_Software_v1.9.12.0.1_26_07_17.tgz
Released Contents	● First release of R7602L.
Released Version	Linux Software Version: v1.9.12.0.1 (Driver Version: v1.9.12) (RAID Management Version: v3.2.82)
Released Date	7/17/2026
Supported Operating Systems	● RHEL ● Debian ● Ubuntu ● Fedora ● Proxmox ● Rocky Linux

Table 1-3: Basic Information of the HPT Utility Released Notes

Released Component	HighPoint_Utility_v1.0.63_2026_01_21.zip
Released Contents	● First release of R7602L.
Released Version	V1.0.63
Released Date	07/17/2026

1.2. Package Contents

Table 1-4: Package Contents of the Windows Software

Released Component			Description
HighPoint_NVMe_G5_RAID_Windows_Software.exe			Executable file to install RAID software (Driver&Management) for HighPoint NVMe RAID Controller.
Installer Package	Driver	HighPoint NVMe G5 Windows Driver.exe	Driver installation program.
		Readme-Driver.txt	Readme for windows driver.
		x64	Driver to install Windows on the RAID of NVMe RAID Controller.
	Management	HighPoint RAID Management.exe	RAID management installation program.
		Readme-Management.txt	Readme for windows management.
Readme.txt			This file is divided into the following major sections: 1. Software Version 2. Products List 3. Files List 4. Software Installation Guide 5. Software Uninstallation Guide 6. Software Update Guide 7. Known issue 8. Revision History

Table 1-5: Package Contents of the Linux Software

Released Component	Description
setup.bin	Software for NVMe RAID controller.
README.txt	This file is divided into the following major sections: 1. Overview 2. File List 3. Software Version 4. Installation 5. Management Software Usage 6. Driver Uninstallation 7. Management Uninstalltion 8. Driver Revision History 9. Management Revision History 10. Technical Support And Service

Table 1-6: Package Contents of the HPT Utility

Released Component	Description
hptutil.exe	HPT Utility for Windows platform.
hptutil.x86_64	HPT Utility for Linux platform.
README.txt	This file is divided into the following major sections: 1. Software version 2. Supported operating system 3. Files listing 4. Running the utility in the interaction mode 5. Running the utility in the batch mode 6. Supported commands and descriptions 7. Revision history

2. New Features

2.1. Windows Software v1.6.14.0.1 Release

The following table lists the new features introduced with the Windows Software v1.6.14.0.1.

Date	Release Version	New Feature
07/17/2026	v1.6.14.0.1	● First release of R7602L.

2.2. Linux Software v1.9.12.0.1 Release

The following table lists the new features introduced with the Linux Software v1.9.12.0.1.

Date	Release Version	New Feature
7/17/2026	V1.9.12.0.1	● First release of R7602L.

2.3. HPT Utility v1.0.63 Release

The following table lists the new features introduced with the HPT Utility v1.0.63.

Date	Release Version	New Feature
7/17/2026	v1.0.63	● First release of R7602L.

2.4. UEFI HII Utility v2.6.14 Release

The following table lists the new features introduced with the UEFI HII Utility v2.6.14.

Date	Release Version	New Feature
7/17/2026	v1.00	● First release of R7602L.

2.5. Retimer v2.13.0 Release

The following table lists the new features introduced with the Retimer v2.13.0.

Date	Release Version	New Feature
7/17/2026	v1.00	● First release of R7602L.

2.6. MCU v1.1.17 Release

The following table lists the new features introduced with the MCU v1.1.17.

Date	Release Version	New Feature
7/17/2026	v1.1.17	● First release of R7602L.

2.7. Hardware v1.00 Release

The following table lists the new features introduced with the Hardware v1.00.

Date	Release Version	New Feature
7/17/2026	PCB Version: v1.10	● First release of R7602L.

3. Install/ Uninstall/ Update the Windows Software

The following sections describe how to install, uninstall, and update the Windows Software.

3.1. Install the Windows Software

To install the HighPoint RAID Software on the Windows operating system, perform the following steps.

1. Locate the HighPoint RAID Software download and open the file.
2. Double-click **HighPoint NVMe G5 RAID Windows Software.exe**.
3. Select the optional components you wish to install. Click **Install** to start the installation.
4. Click **Finish** to reboot Windows.

3.2. Uninstall the Windows Software

The software should be uninstalled from the "Programs and Features" in the Control

1. Panel or the "Apps & Features" in the Settings.
2. Please select "**HighPoint NVME RAID Driver**" and click uninstall. And reboot the system if prompted.
3. Please select "**HighPoint RAID Management**" and click uninstall. And reboot the system if prompted.

3.3. Update the Windows Software

To update the NVMe RAID software, run the **HighPoint_NVMe_G5_RAID_Windows_Software.exe**.

4. Install/ Uninstall/ Update the Linux Software

The following sections describe how to install, uninstall, and update the Linux Software.

4.1. Install the Linux Software

To install the HighPoint RAID Software on the Linux operating system, perform the following steps.

1. Enter the following command to extract the HighPoint RAID Software package:
#tar zxvf HighPoint_NVMe_G5_Linux_Software_vx.x.xx_xx_xx_xx.tar.gz
2. Enter the following command to install the HighPoint RAID Software.
#sh setup.bin (or ./setup.bin)
3. The system will prompt you to restart to make the driver take effect. Manually restart the system.

4.2. Uninstall the Linux Software

1. Enter the following command to uninstall the driver, and press **Y/y** to confirm.
#hptuninhptnvme
2. Enter the following command to uninstall the RAID management, and press **Y/y** to confirm.
#hptuninhptsvr
3. Manually reboot the system.

4.3. Update the Linux Software

To update the NVMe RAID software, run the **setup.bin**.

5. Use the HPT Utility

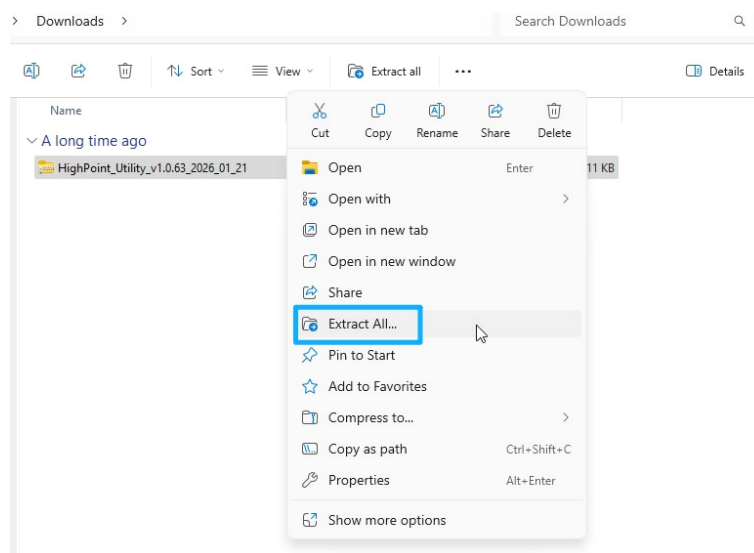
The HPT Utility is a portable tool that does not require a formal installation process. To use the HPT Utility on the operating system, perform the following steps.

5.1. Unzip the HPT Utility zip file

1. Use administrator privileges on the system.
2. Download the firmware file.
3. Unzip the HPT Utility zip file.

● For Windows User

- 1) Locate the HPT Utility file download.
- 2) Right-click on the HPT Utility ZIP file.
- 3) Select **Extract All...** to complete unzip the ZIP file.



● For Linux User

- 1) Open a terminal with root privileges and enter the path where the HPT Utility is located.

e.g. `#cd /home/test/Downloads/`

- 2) Unzip the HPT Utility zip file.

`#unzip HighPoint_HPT_Utility_v1.x.x_20_xx_xx.zip`

```
root@test-System-Product-Name:/home/test/Downloads# unzip HighPoint_Utility_v1.0.63_2026_01_21.zip
Archive:  HighPoint_Utility_v1.0.63_2026_01_21.zip
  inflating: hptutil.exe
  inflating: hptutil.x86_64
  inflating: README.txt
root@test-System-Product-Name:/home/test/Downloads#
```

5.2. Start the HPT Utility via OOB (Windows)

The following content are available only for products with USB transport protocol.

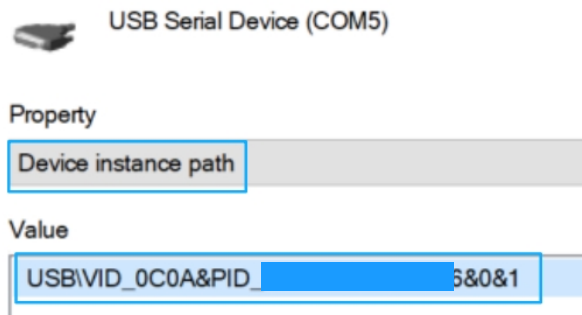
To start the HPT Utility, perform the following steps.

Method 1: Interactive Mode

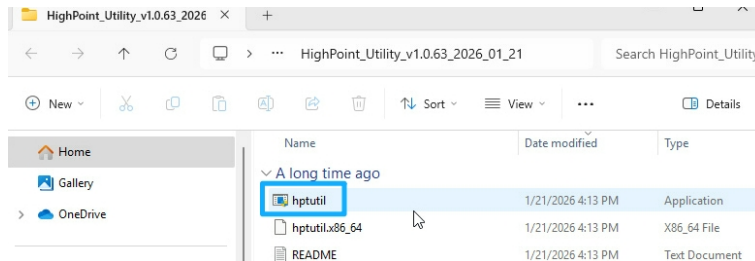
1. Connect the cable's Type-C connector to the Type-C port on the R7602L, which is installed in a slot of **Host A**.
2. Power on Host A.
3. Connect the other end of the cable to a Type-A or Type-C port on a personal laptop or another host (**Host B**).
4. Verify that the USB serial device is properly connected and recognized by the system.

Right-click the **Start** Menu and select **Device Manager**-->**Universal Serial Bus controllers**.

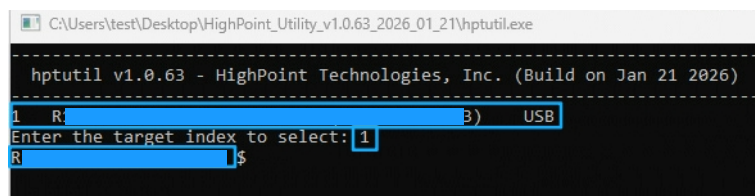
Recognized USB serial device will be listed, as shown in the figure below.



5. Locate the HPT Utility download and open the file on **Host B**.
6. Use the Administrator Privileges to click the **hptutil.exe**.



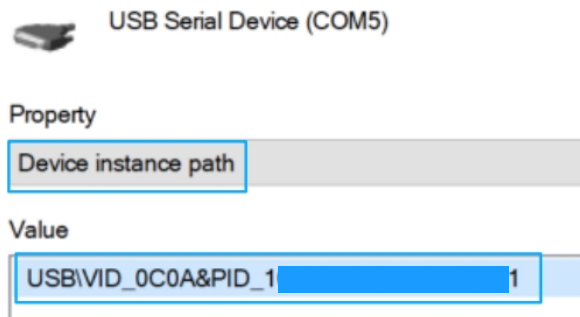
7. Enter the AIC number to select the corresponding AIC.



Method 2: Batch Mode

1. Connect the cable's Type-C connector to the Type-C port on the R7602L, which is installed in a slot of **Host A**.
2. Power on Host A.
3. Connect the other end of the cable to a Type-A or Type-C port on a personal laptop or another host (**Host B**).

4. Verify that the USB serial device is properly connected and recognized by the system.
Right-click the **Start** Menu and select **Device Manager-->Universal Serial Bus controllers**.
Recognized USB serial device will be listed, as shown in the figure below.



5. Locate the HPT Utility download and open the file on **Host B**.
6. Run Command Prompt as Administrator.
7. Enter **hptutil.exe help**, display generic help about this utility.

```
C:\Windows\System32>cd C:\Users\test\Desktop\HighPoint_Utility_v1.0.63_2026_01_21
C:\Users\test\Desktop\HighPoint_Utility_v1.0.63_2026_01_21>hptutil.exe help
Usage:
    help [help|list|select|info|trace|sensor|event|otc|set|param|dl|clear|exit|version]
This command displays the detailed help.
C:\Users\test\Desktop\HighPoint_Utility_v1.0.63_2026_01_21>
```

8. Follow the command prompt in the help output and enter the command you want to execute.

5.3. Start the HPT Utility via OOB (Linux)

The following content are available only for products with USB transport protocol.

To start the HPT Utility, perform the following steps.

Method 1: Interactive Mode

1. Connect the cable's Type-C connector to the Type-C port on the R7602L, which is installed in a slot of **Host A**.
2. Power on Host A.
3. Connect the other end of the cable to a Type-A or Type-C port on a personal laptop or another host (**Host B**).
4. Verify that the USB serial device is properly connected and recognized by the system.

Open a terminal with root privileges and enter the following command to list the USB serial devices.

#lsusb

```
root@test-System-Product-Name:/home/test/Desktop# lsusb
Bus 001 Device 001: ID 1d6b:0002 Linux Foundation 2.0 root hub
Bus 001 Device 002: ID 04f3:0103 Elan Microelectronics Corp. ActiveJet K-2024 Multimedia Keyboard
Bus 001 Device 003: ID 046d:c877 Logitech, Inc. Mouse
Bus 001 Device 004: ID 0c8a:1604 Highpoint Technologies, Inc. HighPoint COM
```

5. Locate the HPT Utility download and open the file on **Host B**.
6. Open a terminal with root privileges and enter the following command to start the HPT Utility.

#!/hptutil.x86_64

```
root@test-System-Product-Name:/home/test/Downloads# ./hptutil.x86_64
```

7. Enter the AIC number to select the corresponding AIC.

```
root@test-System-Product-Name:/home/test/Downloads
File Edit View Search Terminal Help
-----
hptutil v1.0.63 - HighPoint Technologies, Inc. (Build on Jan 21 2026)
-----
1 R3 ) USB
Enter the target index to select: 1
R3 ) $
```

6. Update the UEFI HII Utility/ MCU/ Retimer

The following sections describe how to update the UEFI HII Utility/ MCU/ Retimer.

6.1. Update the UEFI HII Utility in the WebGUI

To update the UEFI HII Utility in the WebGUI, perform the following steps.

1. Open the **WebGUI**.
2. Click the **Physical**→**Enclosure#** tab.
3. Click **Choose File** to select the file with a suffix of blf.
4. Click **Check**.
5. Select **Confirm** to flash the selected firmware.
6. Reboot the system to make the update take effect.

6.2. Update the UEFI HII Utility in the CLI

This command allows you to select the blf file to update the AIC UEFI HII Utility version. The process may take some time.

HPT CLI>update {controller_id enclosure_id} fw={file path}

Input example:

HPT CLI>update 1/E1 fw=/home/t/Music/7602Luefi.blf

```
HPT CLI>update 1/E1 fw=/home/t/Music/7602Luefi.blf
Current UEFI version: 2.6.13, Selected UEFI version: 2.6.12
Are you sure to flash firmware? Please input 'Y' or 'N' : y
Firmware was updated successfully; it will take effect after reboot.
```

6.3. Update the MCU in the HPT Utility

dl {file path}

This command allows you to update the AIC MCU version. Reboot the system when prompted to make the new MCU version take effect.

- **For Interactive Mode (Windows&Linux):** \$dl {file path}
- **For Batch Mode (Windows):** >hptutil.exe {controller_index} dl {file path} force
- **For Batch Mode (Linux):** #./hptutil.x86_64 {controller_index} dl {file path} force

Input example:

\$dl C:\Users\test\Desktop***_v***_20**_**_**.blf

```
R1604L(111111N111111) $ dl C:\Users\test\Desktop\Valencia_MCU_upgrade_V100.1.13_26_01_15.blf
The version of the selected controller: MCU: 1.1.14
The version of the specified file: MCU: 100.1.13
Do you want to download the firmware(Y/N): y
WARNING: Do not turn off the power during the firmware download.
Firmware is downloading...
[#####][100%][00:00]
The firmware download is completed.
PLEASE REBOOT to activate the new firmware.
R1604L(111111N111111) $
```

6.4. Update the Retimer in the HPT Utility

dl {file path}

This command allows you to update the AIC Retimer. After updating the Retimer, you must disconnect the motherboard power supply, wait briefly, reconnect it, and then boot into the OS for the update to take effect.

- **For Interactive Mode (Windows&Linux):** `$dl {file path}`
- **For Batch Mode (Windows):** `>hptutil.exe {controller_index} dl {file path} force`
- **For Batch Mode (Linux):** `#!/hptutil.x86_64 {controller_index} dl {file path} force`

Input example:

```
$dl C:\Users\test\Desktop\****_v***_20**_**_**.blf
```

```
R1604L(111111N111111) $ dl C:\Users\test\Desktop\pt516_x4x4x4_reversed_Hof_PLUG_v2_13_0.blf
The version of the selected controller: Retimer: 2.8.0
The version of the specified file: Retimer: 2.13.0
Do you want to download the firmware(Y/N): y
WARNING: Do not turn off the power during the firmware download.
Firmware is downloading...
[#####][100%][00:00]
The firmware download is completed.
Please reboot to activate the new firmware.
R1604L(111111N111111) $
```

7. Revision History

7.1. Version 1.00, July 17, 2026

1. Initial version.
2. Windows Software v1.6.14.0.1 Released.
3. Linux Software v1.9.13.0.0 Released.
4. HPT Utility v1.0.63 Released.
5. UEFI HII Utility v2.6.14 Released.
6. Retimer v2.13.0 Released.
7. MCU V1.1.17 Released.
8. Hardware v1.00 (PCB Version: v1.10) Released.