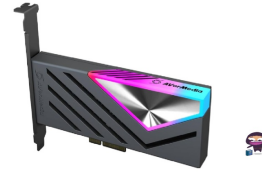


AVerMedia GC575 Internal Capture Card For Streaming



# AVerMedia GC575 Internal Capture Card For Streaming User Guide

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**AVerMedia GC575 Internal Capture Card For Streaming**



## Product Information

### Specifications

- Interface: HDMI 2.1
- Input & Output (Pass-Through)
- Max. Pass-Through Resolution (with HDR, VRR)
- Max. Recording Resolution

### Overview

The Live Gamer 4K 2.1 (GC575) is a high-quality capture card designed for gamers and content creators. It features HDMI 2.1 connectivity and RGB lighting that can be customized using the AVerMedia Gaming Utility.

### Inside the Box

- Live Gamer 4K 2.1
- HDMI 2.1 Cable
- Quick Start Guide
- Assist Central Download Utility

### Installation

1. Shut down your PC and unplug its power cord.
2. Insert LG4K 2.1 into a PCIe Gen 3 x4 slot and secure it.
3. Connect your monitor to the HDMI-OUT port for pass-through of captured content.
4. Connect your video source (console/graphics card/another PC) to the HDMI-IN port.
5. **Note:** Do NOT unplug the PCIe card while the computer is running; it may cause your system to crash.

### More Information:

For more details, visit our webpage at [q.avermedia.com/GC575](https://www.avermedia.com/GC575) or scan the provided QR code.

## Frequently Asked Questions (FAQ)

- **Q: Where can I download the AVerMedia Gaming Utility?**

A: You can download the AVerMedia Gaming Utility from this link: [q.avermedia.com/GC575download](http://q.avermedia.com/GC575download).

- **Q: What should I do if I encounter “Error: No Device Detected” during installation?**

A: Make sure the Live Gamer 4K 2.1 is properly inserted into a compatible PCIe slot and all connections are secure. Restart your system and try again.

## LIVE GAMER 4K 2.1 GC575

### Quick Start Guide

#### Disclaimer

All pictures contained in this documentation are example images only. The images may vary depending on the product and software version. Information presented in this documentation has been carefully checked for reliability; however, no responsibility is assumed for inaccuracies. The information contained in this documentation is subject to change without notice.

#### Copyright and Trademark Information

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For more information, please visit [www.avermedia.com](http://www.avermedia.com).

AVerMedia is trademark or registered trademark of AVerMedia Technologies, Inc.

#### Headquarters

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Support [www.avermedia.com/support](http://www.avermedia.com/support)

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Address 754 Charcot Avenue, San Jose, CA 95131, United States

Website [www.avermedia.com/us](http://www.avermedia.com/us)

#### Europe Office

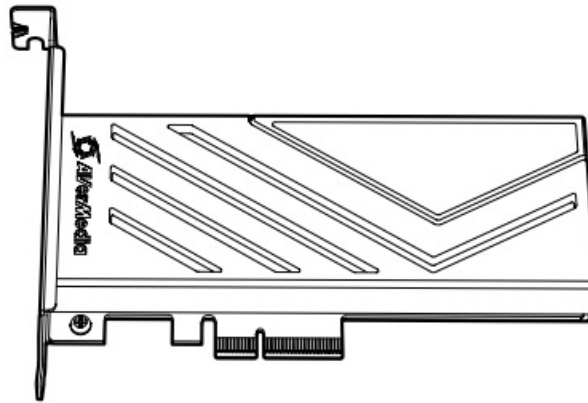
**Address Hanauer Landstrasse 291 B, 60314 Frankfurt Hessen, Germany**

#### Important Safety Instructions

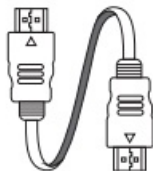
1. Read these instructions.
2. Keep these instructions.
3. Follow all instructions.
4. Heed all warnings.
5. Do not use the apparatus on uneven or unstable surfaces.
6. Do not use this apparatus in a wet environment or near water.
7. Unplug the apparatus before cleaning. Clean only with a dry cloth.
8. Use in a well ventilated environment. Do not block any ventilation openings.
9. Use the apparatus within ambient temperatures 32–104°F (0–40°C).
10. Use power sources within the specified voltage range.

11. Do not place heavy objects on the apparatus.
12. Do not install near heat sources such as radiators or stoves.
13. Do not defeat the safety purposes of the polarized or grounding-type plug.
14. Protect the power cord from being walked on or pinched, particularly where the cord connects with plugs or adapters.
15. Only use the attachments and accessories specified by the manufacturer.
16. Unplug this apparatus during lightning or when unused for prolonged periods of time.
17. Do not modify or disassemble the apparatus in any way.
18. Refer all servicing to AVerMedia Customer Service.
19. Do not dispose the apparatus as general household waste. Dispose in accordance with local environmental laws.

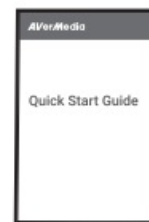
## Inside the Box



Live Gamer 4K 2.1



HDMI 2.1 Cable

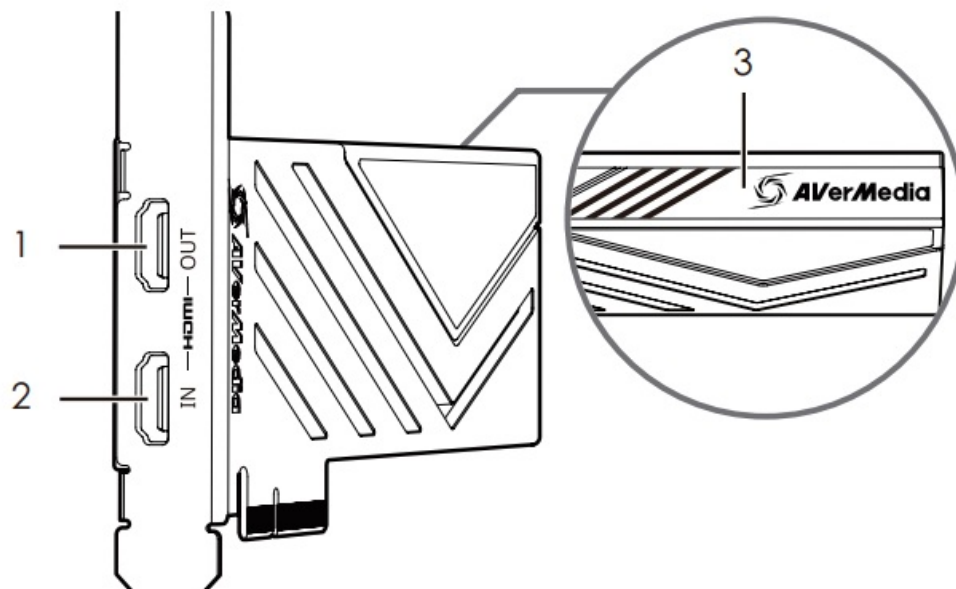


Quick Start Guide

## Assist Central

Assist Central is a download utility that automatically detects your AVerMedia device and lists out its available driver, firmware, and/or application for you to install to keep the device working properly and up to date. Download it from <https://www.avermedia.com/support/download-and-faq>.

## Overview



1	HDMI Output
2	HDMI Input
3	RGB and Status Indicator

The RGB lighting can be customized using AVerMedia Gaming Utility. Download it from <http://q.avermedia.com/GC575download> .



## RGB & Status Indicator

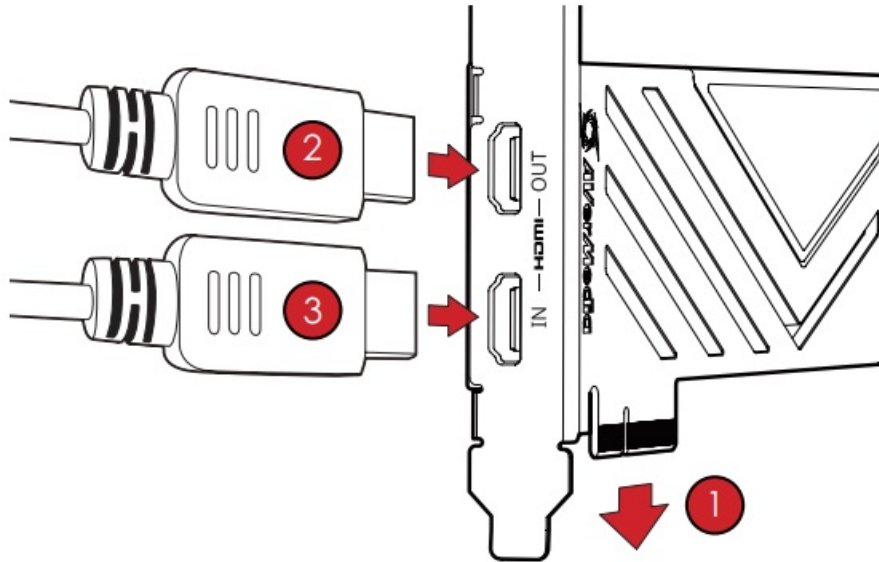
Blue Comet	Detecting Device
Rainbow Wave	Ready
Flashing Blue	Updating Firmware
Solid Red	Error: No Device Detected
Flashing Red	Error: Device Anomaly
Flashing Orange	Error: Connection Anomaly

## Installation

1. Shut down your PC and unplug its power cord. Insert LG4K 2.1 into a PCIe Gen 3 x4 slot and secure it.

2. Connect your monitor to the HDMI-OUT port for pass-through of captured content.
3. Connect your video source (console/graphics card/another PC) to the HDMI-IN port.

**Note:** Do NOT unplug the PCIe card while the computer is running; it may cause your system to crash.



#### More Info

For more information, visit our webpage at <http://q.avermedia.com/GC575> or scan this QR code.



#### Specifications

Interface	PCIe Gen 3 x4
Input & Output (Pass-Through)	HDMI 2.1
Max. Pass-Through Resolution (with HDR, VRR)	2160p144
Max. Recording Resolution	2160p60
Dimensions (W x D x H)	121 x 160.5 x 21.5 mm (4.76 x 6.32 x 0.85 in)
Weight	150.5 g (5.31 oz)
Power Rating	3.3 V / 3 A

**Note 1:** Specifications are subject to change without notice. Please refer to our website for the latest details.

**Note 2:** Live Gamer 4K 2.1 does not support viewing, recording, or streaming of HDCP protected signals.



#### **Federal Communications Commission Statement Class B**

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

**NOTE** – This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by tuning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/television technician for help.

**CAUTION ON MODIFICATIONS** – To comply with the limits for the Class B digital device, pursuant to Part 15 of the FCC Rules, this device must be installed in computer equipment certified to comply with the Class B limits. All cables used to connect the computer and peripherals must be shielded and grounded. Operation with non-certified computers or non-shielded cables may result in interference to radio or television reception. Changes and modifications not expressly approved by the manufacturer or registrant of the equipment can void your authority to operate the equipment under Federal Communications Commission rules.



#### **European Community Compliance Statement Class B**

This product is herewith confirmed to comply with the requirements set out in the Council Directives on the approximation of the laws of the Member States relating to Electromagnetic Compatibility Directive (EMC)



#### **Waste Electrical and Electronic Equipment Directive**

The mark of crossed-out wheeled bin indicates that this product must not be disposed of with your other household waste. Instead, you need to dispose of the waste equipment by handing it over to a designated collection point for the recycling of waste electrical and electronic equipment. For more information about where to drop off your waste equipment for recycling, please contact your household waste disposal service or the shop where you purchased the product.

#### **CAN ICES-3(B)/NMB-3(B)**

Canada – Canada Industry Canada (IC) Labelling Requirements

Every manufacturer or importer shall ensure import or before offering for sale, as appropriate, that each unit of the type that they offer for sale bears, in a location convenient for inspection, a permanent label or marking containing (in French and English), the following statement:

ICES-003 (Interference – Causing Equipment Standards) “This class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.”



**Technical Regulations of the Customs Union**

- TR CU 020/2011
- TR CU 004/2011



Regulatory Compliance Mark



D33183

RoHS

BSMI Registration of Product Certification (Taiwan)

<http://www.avermedia.com/tw/responsibility>



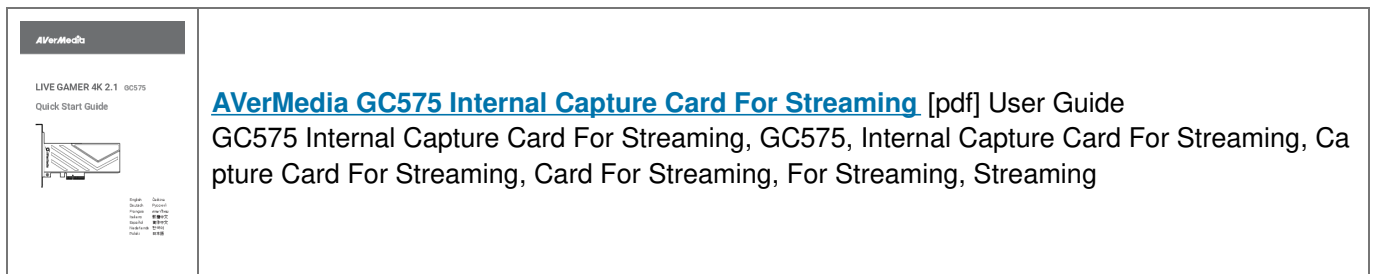
R-R-AVM  
-GC575

#### **MSIP Class B Statement (Korea)**

Class B (For Home Use Broadcasting & Communication Equipment): This equipment is home use (Class B) electromagnetic wave suitability equipment and to be used mainly at home and it can be used in all areas.

[www.avermedia.com](http://www.avermedia.com)





[AVerMedia GC575 Internal Capture Card For Streaming](#) [pdf] User Guide

## References

[Manuals+](#), [Privacy Policy](#)