

iUA-CM6533

USB Audio Board

Quick Installation Guide

Version 1.00

December, 2024

Features

- Support the C-MEDIA CM6533 Audio Chip
- USB 2.0 interface
- Two audio jacks for microphone in and line out
- Two built-in 1.5W power amplifier speaker outputs

Packing List

- 1 x iUA-CM6533 audio board
- 1 x USB cable (210 mm, 2.0 to 2.0 pitch)
- 1 x USB cable (210 mm, 2.0 to 2.54 pitch)
- 1 x QIG (Quick Installation Guide)

Jumpers & Connectors

| J2: USB2.0 connector | | | |
|-----------------------------|-------------|-----|-------------|
| Pin | Description | Pin | Description |
| 1 | +5V | 3 | DATA+ |
| 2 | DATA- | 4 | GND |

| CN1: Extra power supply | |
|--------------------------------|-------------|
| Pin | Description |
| 1 | +5V |
| 2 | GND |

| MIC1: Microphone connector | | | |
|-----------------------------------|-------------|-----|-------------|
| Pin | Description | Pin | Description |
| 1 | Analog GND | 5 | NC |
| 2 | Analog GND | 6 | NC |
| 3 | MIC_R | 7 | NC |
| 4 | MIC_L | | |

| OUT1: Line out for headphone | | | |
|-------------------------------------|-------------|-----|-------------|
| Pin | Description | Pin | Description |
| 1 | Analog GND | 5 | NC |
| 2 | Analog GND | 6 | NC |
| 3 | LINE_OUT_R | 7 | DETECT |
| 4 | LINE_OUT_L | | |

| J3: Speaker connector | | | |
|------------------------------|-------------|-----|-------------|
| Pin | Description | Pin | Description |
| 1 | SPEAKER1_N | 3 | SPEAKER2_N |
| 2 | SPEAKER1_P | 4 | SPEAKER2_P |

Get more information:

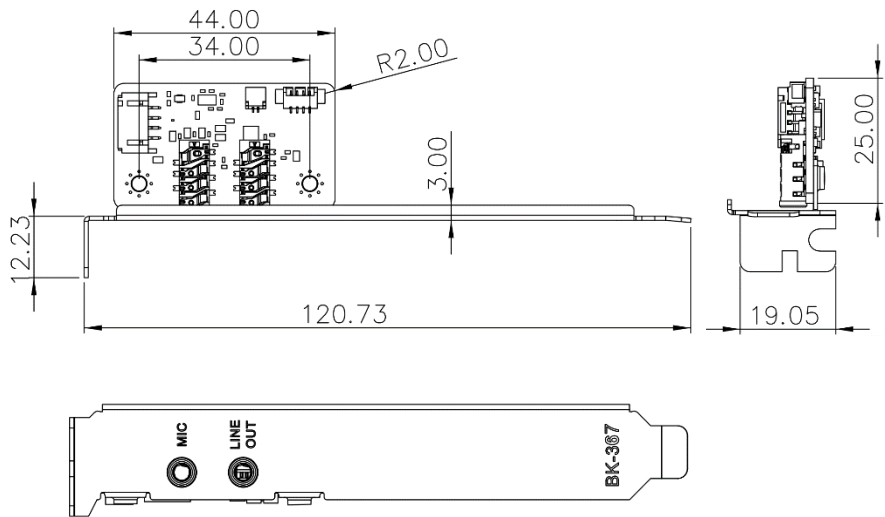


iUA-CM6533



IEI Resource Download Center

Dimensions (Unit: mm)



Safety Instructions



Warning! Read the QIG before connecting the system to the power source.

Warning! To prevent the system from overheating, do not operate it in an area that exceeds the maximum operating temperature described in the QIG.

Warning! Ultimate disposal of this product should be handled according to all national laws and regulations.

Support



IEI Support URL

https://new.ieiworld.com/en/online_support_form/



Compliance



This equipment has been tested and found to comply with specifications for CE marking. If the user modifies and/or installs other devices in the equipment, the CE conformity declaration may no longer apply.



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

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

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.



According to the requirement of the WEEE legislation the following user information is provided to customers for all branded IEI Electronics products subject to the WEEE directive.

This symbol on the product or on its packaging indicates that this product must not be disposed of with your other household waste. Instead, it is your responsibility to dispose of your waste equipment by handing it over to a designated collection point for the recycling of waste electrical and electronic equipment. The separate collection and recycling of your waste equipment at the time of disposal will help to conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment. For more information about where you can drop o- your waste equipment for recycling, please contact your local city office, your household waste disposal service or the shop where you purchased the product.

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