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Beelink GK35

Beelink GK35 Mini PC User Manual

Model: GK35

1. PRODUCT OVERVIEW

The Beelink GK35 Mini PC is a compact and efficient computer designed for various applications, from office work to home entertainment. Its small form factor allows for a tidy desktop setup, while offering robust performance for daily tasks.

Key features include:

- **Compact Design:** Ultra-slim and lightweight (0.56 lbs) with dimensions of 4.53 x 4.02 x 1.69 inches, making it highly portable.
- **Processor:** Equipped with an Intel Celeron J3455 Processor (1.50GHz up to 2.30GHz).
- **Memory & Storage:** 8GB DDR3L RAM and 128GB SSD, with support for up to 2TB 2.5-inch SATA HDD/M.2 SATA SSD 2280 expansion.
- **Graphics & Display:** Intel HD Graphics 500 supporting 4K HD (3840 x 2160) content and dual HDMI output for connecting two monitors.
- **Connectivity:** Features 802.11 b/g/n/ac WiFi 5, Bluetooth 4.0, and Gigabit Ethernet for reliable network connections.
- **Efficient Cooling:** Integrated quiet large fan and heat sink for effective heat dissipation and silent operation.

Package Contents

Verify that all items are present in the package:

- Beelink GK35 Mini PC
- User Manual
- User Help Card
- Power Adapter (US / EU / UK optional)
- HDMI Cable
- VESA Mount (for monitor attachment)



Image: Beelink GK35 Mini PC accessories including the user manual, user help card, and power adapter.



Image: An exploded diagram showing the internal components of the Beelink GK35 Mini PC, including the plastic body, 2.5-inch HDD bay, SSD, DDR3L RAM, thermal board, big fan, and acrylic panel.

2. SETUP GUIDE

2.1 Connecting Your Mini PC

- 1. Connect to a Display:** Use an HDMI cable to connect the Mini PC to your monitor or TV. The GK35 supports dual HDMI output for two displays.
- 2. Connect Peripherals:** Plug in your USB keyboard and mouse into the available USB 3.0 ports.
- 3. Network Connection:** For a wired connection, connect an Ethernet cable to the LAN port. For wireless, ensure your WiFi network is available during initial setup.
- 4. Power On:** Connect the power adapter to the DC port on the Mini PC, then plug the adapter into a power outlet. Press the power button on the front of the device.

THE COMBINATION OF TECHNOLOGY AND ART

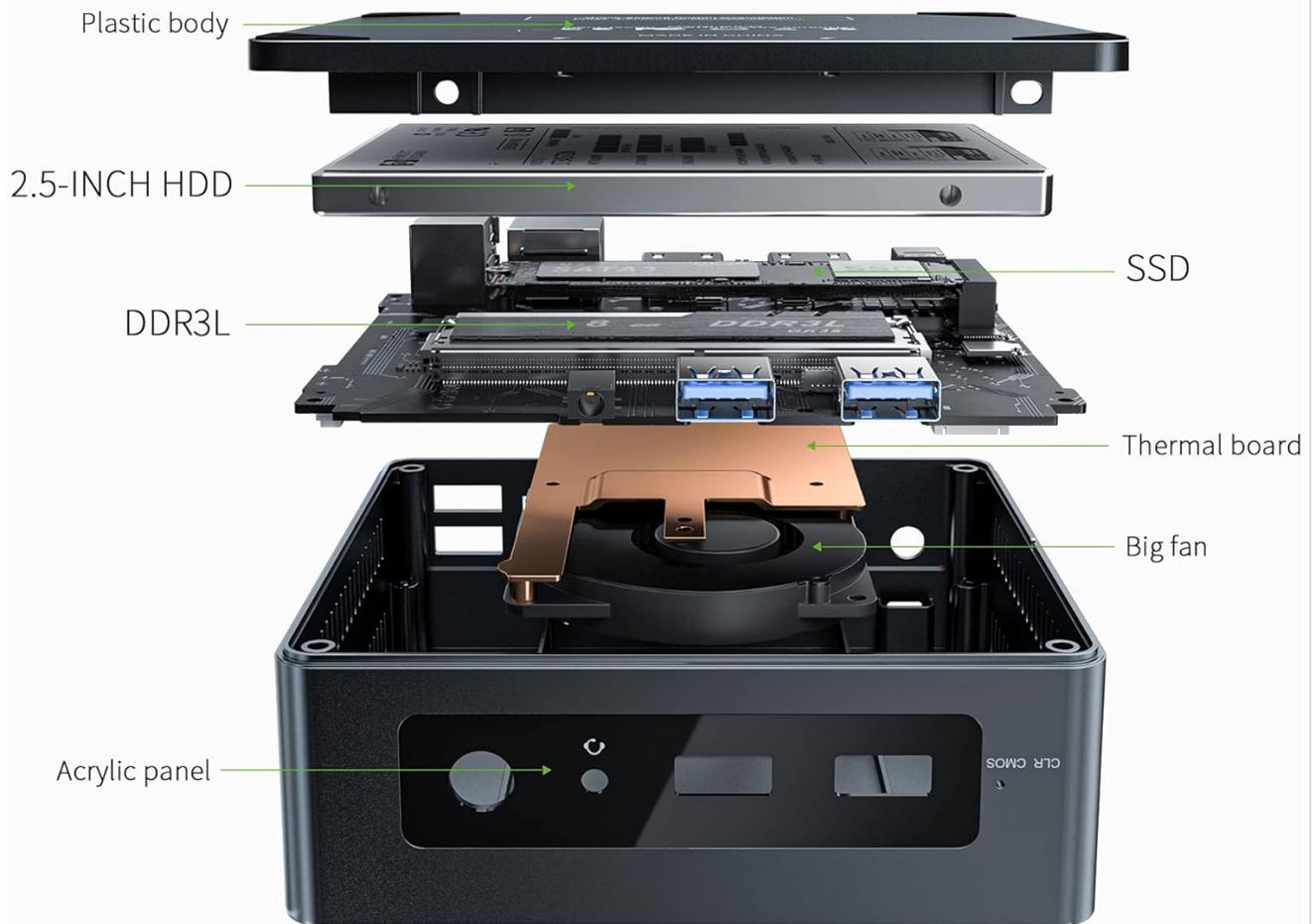


Image: Front and rear view of the Beelink GK35 Mini PC, highlighting USB 3.0 ports, HDMI ports, LAN port, microphone/headphone jack, and power input.

2.2 Initial Boot and Operating System Setup

Upon first boot, the Mini PC will guide you through the operating system setup process. Follow the on-screen instructions to configure language, region, network, and user accounts.

3. OPERATING INSTRUCTIONS

3.1 Basic Operation

- **Power On/Off:** Press the power button to turn the device on. To turn off, use the operating system's shutdown function or press and hold the power button for a few seconds for a forced shutdown (not recommended for regular use).
- **Restart:** Use the operating system's restart function.
- **Sleep Mode:** Use the operating system's sleep function to put the device into a low-power state.

3.2 Dual Display Setup

The Beelink GK35 supports connecting two monitors simultaneously via its dual HDMI ports. This allows for

extended desktop space, improving productivity for tasks like office work or providing an immersive experience for media consumption.



Image: The Beelink GK35 Mini PC connected to two monitors, demonstrating its dual screen display capability for enhanced productivity.

3.3 4K Display Output

The Mini PC supports 4K ultra-high-definition output (3840 x 2160 pixels), allowing for clear and detailed visuals on compatible 4K displays. This is ideal for high-resolution video playback, photo editing, and general media consumption.

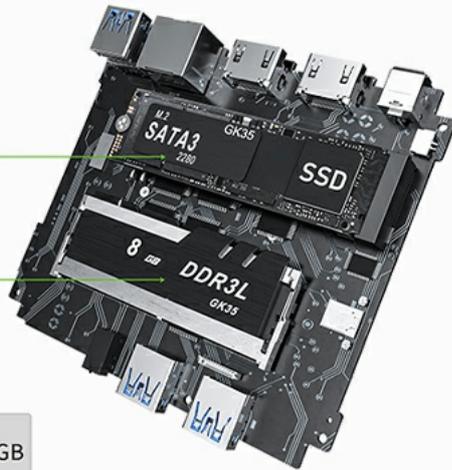
SSD: M.2 SATA3 2280
DDR3L: 8GB

Read speed:
500MB/s

Frequency:
1600MHz

OPTIONAL

8GB + 128GB
DDR3L + SSD



J3455 CPU

Intel Apollo Lake Celeron Processor

Processor Base Frequency: 1.50GHz
Burst Frequency: 2.30GHz



Faster

4 Cores
4 Threads

220

3DMARK
single core

865

3DMARK
multi-core

Image: The Beelink GK35 Mini PC connected to a 4K display, showcasing its ability to output high-resolution content.

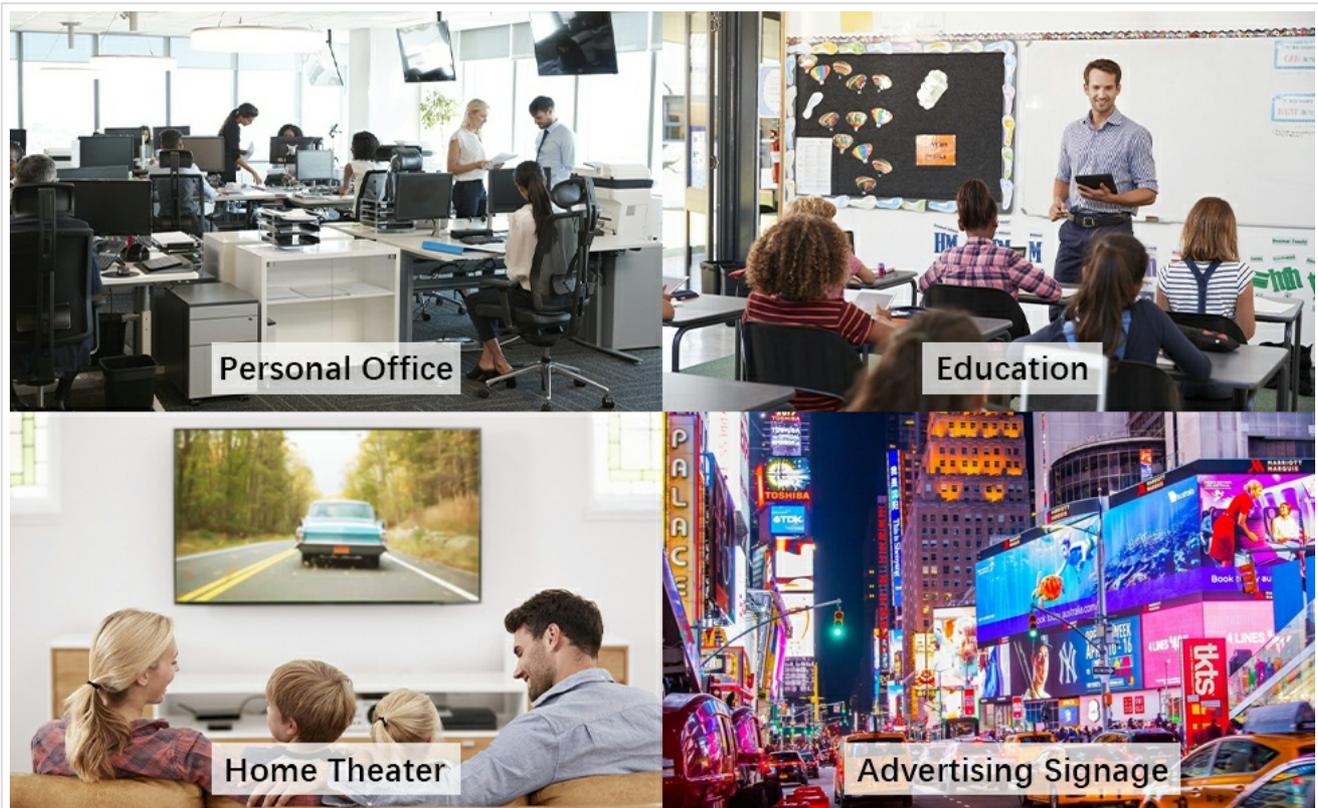


Image: Collage showing various applications of the Beelink GK35 Mini PC in different environments: personal office, education, home theater, and advertising signage.

4. MAINTENANCE

4.1 Heat Dissipation

The Beelink GK35 is designed with an efficient cooling system, including a quiet large fan and heat sink, to maintain

optimal operating temperatures. To ensure proper heat dissipation:

- Ensure the ventilation holes on the sides of the Mini PC are not obstructed.
- Place the device on a flat, stable surface with adequate airflow.
- Avoid placing the Mini PC in enclosed spaces or near heat sources.

QUIET LARGE FAN + HEAT SINK

Efficient heat dissipation

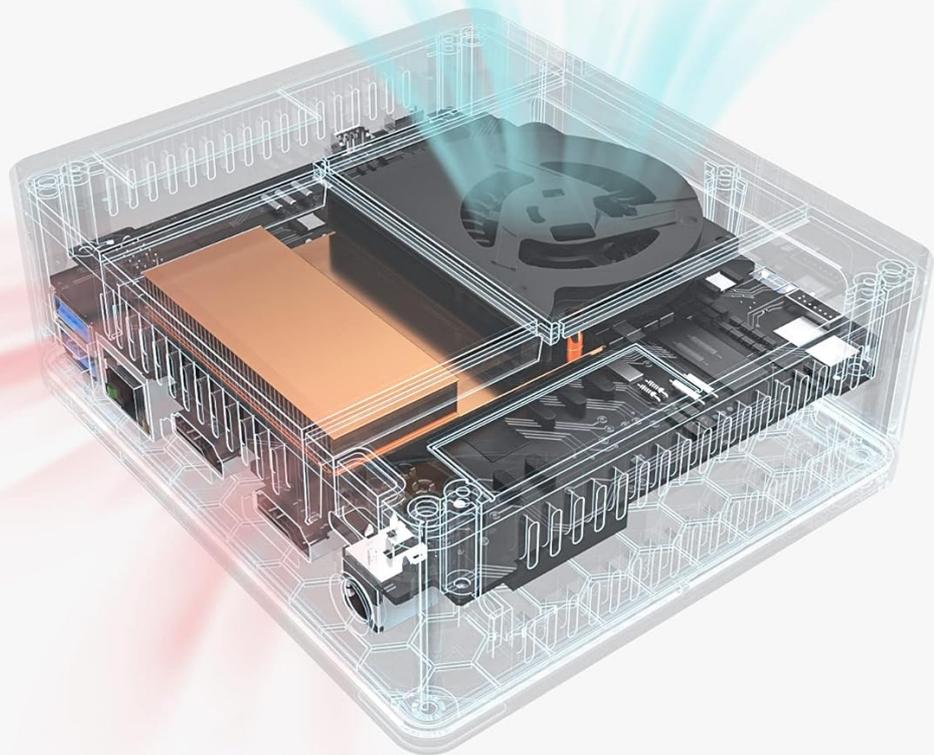


Image: Diagram illustrating the internal heat dissipation system of the Beelink GK35 Mini PC, showing the fan and heat sink.

4.2 Cleaning

Regularly clean the exterior of the Mini PC with a soft, dry cloth. Use compressed air to gently clear dust from the ventilation holes.

4.3 Storage Expansion

The Beelink GK35 supports storage expansion up to 2TB via a 2.5-inch SATA HDD or M.2 SATA SSD 2280. Refer to the detailed instructions in the included User Help Card for installation procedures.

SSD: M.2 SATA3 2280

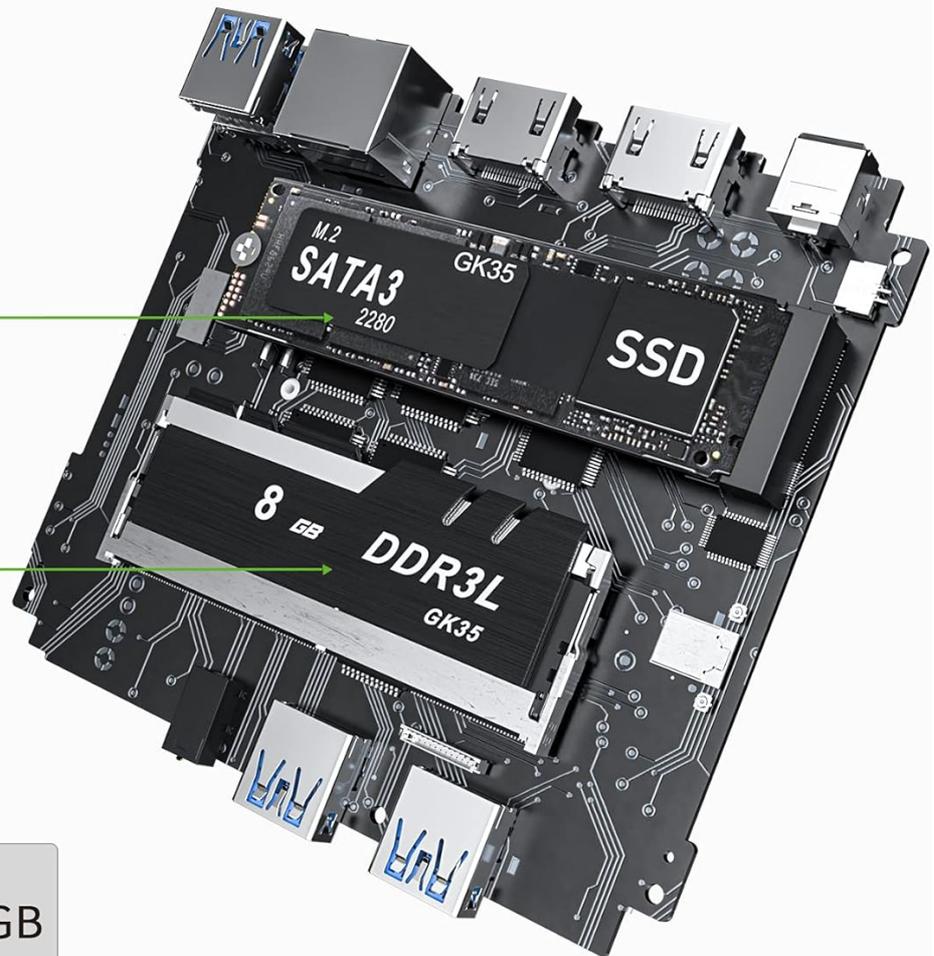
DDR3L: 8GB

Read speed:

500MB/s

Frequency:

1600MHz



OPTIONAL

8GB

DDR3L

+

128GB

SSD

Image: Internal view of the Beelink GK35 Mini PC showing the M.2 SATA3 2280 SSD and 8GB DDR3L RAM modules.

5. TROUBLESHOOTING

If you encounter issues with your Beelink GK35 Mini PC, please refer to the following common troubleshooting steps:

- **No Power:**

- Ensure the power adapter is securely connected to both the Mini PC and a working power outlet.
- Verify the power outlet is functional by plugging in another device.

- **No Display:**

- Check that the HDMI cable is firmly connected to both the Mini PC and the monitor.
- Ensure the monitor is powered on and set to the correct input source (HDMI 1, HDMI 2, etc.).
- Try a different HDMI cable or monitor if possible.

- **Slow Performance:**

- Close unnecessary applications running in the background.

- Check for available operating system updates and install them.
- Ensure adequate ventilation to prevent overheating.
- Consider upgrading storage to a faster SSD if you are using a slower drive.

- **Network Connectivity Issues:**

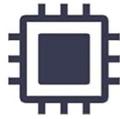
- For wired connections, check the Ethernet cable and router status.
- For Wi-Fi, ensure the Wi-Fi adapter is enabled and you are connected to the correct network with the right password.
- Restart your router and the Mini PC.

6. SPECIFICATIONS

Feature	Detail
Brand	Beelink
Model Number	GK35
Processor	Intel Celeron J3455 (up to 2.3 GHz)
Graphics	Intel HD Graphics 500 (Integrated)
RAM	8 GB DDR3L (1600MHz)
Storage	128 GB SSD (M.2 SATA3 2280), expandable up to 2TB (2.5-inch SATA HDD/M.2 SATA SSD 2280)
Operating System	OS (Pre-installed, Ubuntu system installable)
Video Output	Dual HDMI (4K @ 30Hz max resolution)
USB Ports	4 x USB 3.0
Network	Gigabit Ethernet (1000M LAN), WiFi 5 (802.11 b/g/n/ac)
Bluetooth	Bluetooth 4.0
Audio	MIC Headphone Jack
Dimensions	115 x 102 x 43 mm (4.53 x 4.02 x 1.69 inches)
Weight	0.56 lbs
Power Supply	12V-2A 24W



SIZE:
115 X 102X 43 MM



INTEL® PROCESSOR
J3455



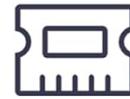
ENERGY SAVING
12V-2A 24W



SUPPORT
DUAL SCREEN



BIG FAN AND
RADIATOR



8GB DDR3L
1600MHz



128/256GB SSD
M.2 SATA3 2280



WIFI5
802.11 B/G/N/AC



SUPPORT
4K HD

Image: Icons summarizing key specifications and features of the Beelink GK35 Mini PC, including size, processor, power, display support, cooling, RAM, storage, and connectivity.

7. TECHNICAL SUPPORT AND WARRANTY

Beelink provides technical support for the GK35 Mini PC. If you require assistance with features such as Auto Power On or Wake on LAN (WOL), please contact customer support. You may be asked to provide the barcode located at the bottom of the machine to receive specific tutorial files or assistance.

For further support, visit the official Beelink website or refer to the contact information provided in your User Help Card.

Wake on LAN

Auto power on

Setup your computer to auto power on (For more details, log on <http://bee-link.com/>)



Image: Illustration of the Wake on LAN (WOL) and Auto Power On features for the Beelink GK35 Mini PC, indicating remote power control.

8. PRODUCT VIDEO

Your browser does not support the video tag.

Video: A detailed overview of the Beelink GK35 Mini PC, showcasing its features, design, and connectivity options. This video provides a visual guide to the product's capabilities and physical attributes.