

## Qotom Q1035GE-S13

# Qotom Q1035GE Mini PC User Manual

Model: Q1035GE-S13

## 1. INTRODUCTION

---

This manual provides essential information for the setup, operation, maintenance, and troubleshooting of your Qotom Q1035GE Mini PC. This device is a high-performance, fanless mini PC designed for various applications, including use as a firewall appliance, network server, or compact desktop.

## 2. PACKAGE CONTENTS

---

Verify that all items are present in the package:

- Qotom Q1035GE Mini PC
- Power Adapter
- Heatsink (pre-installed or included for installation)
- User Manual (this document)

## 3. PRODUCT FEATURES

---

- **High-Performance Mini PC Router:** Powered by a 10th Gen Intel Core i3-10110U processor (15W TDP).
- **8 Intel I226V 2.5 Gigabit Ethernet Ports:** Enterprise-grade network controllers for low latency, high throughput, and stability.
- **x86 Architecture Flexibility:** Supports full operating systems like pfSense, OPNsense, OpenWrt, Linux, or Windows.
- **Compact & Fanless Design:** Small form factor with silent operation, suitable for 24/7 deployments.
- **Future-Proof Networking:** Upgradable RAM and storage for scalability.

## 4. SETUP

---

## 4.1 Connecting Peripherals

Before powering on the device, connect all necessary peripherals.

1. **Display:** Connect a monitor to the HDMI or DisplayPort output.
2. **Keyboard and Mouse:** Connect USB keyboard and mouse to the available USB 3.0 ports.
3. **Network:** Connect Ethernet cables to the 2.5 Gigabit LAN ports as required for your network configuration.
4. **Power:** Connect the power adapter to the DC 12V input port on the device, then plug it into a power outlet.



Figure 1: Rear view of the Qotom Q1035GE Mini PC, illustrating the DC 12V power input, Console port, four USB 3.0 ports, HDMI port, and DisplayPort.



Figure 2: Front view of the Qotom Q1035GE Mini PC, displaying eight 2.5 Gigabit Ethernet ports and status indicators.

## 4.2 Initial Boot-up

Press the power button located on the front panel. The device will power on. Follow the on-screen instructions for your

chosen operating system installation or configuration.

## 5. OPERATING INSTRUCTIONS

---

### 5.1 Power On/Off

- **Power On:** Press the power button once.
- **Power Off:** Perform a graceful shutdown through your operating system. Alternatively, press and hold the power button for 5 seconds to force a shutdown.

### 5.2 Operating System and Network Configuration

The Qotom Q1035GE Mini PC supports various x86-compatible operating systems. Installation and configuration procedures will vary depending on the chosen OS (e.g., pfSense, OPNsense, OpenWrt, Linux, Windows). Refer to the documentation for your specific operating system for detailed instructions on network setup, firewall rules, and other advanced functionalities.

### 5.3 Fanless Operation

The device features a fanless design, ensuring silent operation. This design relies on the aluminum chassis for heat dissipation. Ensure adequate airflow around the device to prevent overheating, especially during prolonged high-load operations.

## 6. MAINTENANCE

---

### 6.1 Cleaning

Regularly clean the exterior of the device with a soft, dry cloth. Avoid using liquid cleaners or solvents. Ensure the ventilation fins on the chassis are free from dust accumulation to maintain optimal heat dissipation.

### 6.2 RAM and Storage Upgrades

The device allows for RAM and mSATA SSD upgrades. To perform an upgrade:

1. Power off the device and disconnect all cables.
2. Carefully open the chassis.
3. Install or replace the DDR4 SO-DIMM RAM module(s) and/or mSATA SSD. Refer to the motherboard layout for slot locations.
4. Securely close the chassis.

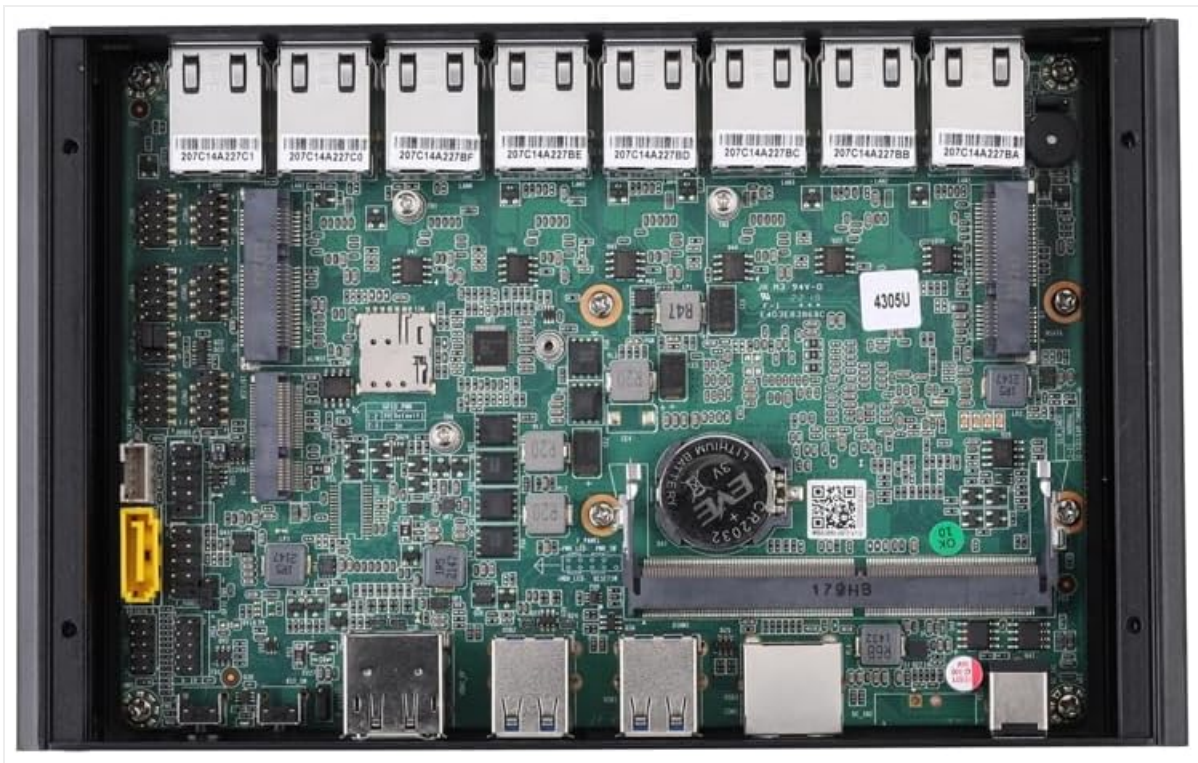


Figure 3: Internal view of the Qotom Q1035GE Mini PC motherboard, showing RAM and mSATA SSD slots.

## 6.3 Firmware Updates

Periodically check the manufacturer's website for BIOS/UEFI firmware updates. Follow the provided instructions carefully when performing firmware updates to avoid system instability.

## 7. TROUBLESHOOTING

If you encounter issues with your Qotom Q1035GE Mini PC, refer to the following common troubleshooting steps:

| Problem                       | Possible Cause                                                   | Solution                                                                                                     |
|-------------------------------|------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| Device does not power on      | No power, faulty adapter, loose connection                       | Check power cable and adapter connection. Ensure power outlet is functional.                                 |
| No display output             | Incorrect display cable, monitor input, or resolution issue      | Verify display cable connection. Select correct input on monitor. Try a different display cable or monitor.  |
| Network connectivity issues   | Incorrect OS configuration, faulty Ethernet cable, driver issues | Check OS network settings. Replace Ethernet cable. Ensure correct network drivers are installed for your OS. |
| System instability or crashes | Overheating, faulty RAM/SSD, OS issues                           | Ensure adequate ventilation. Run memory diagnostics. Reinstall OS if necessary.                              |

If the problem persists after attempting these solutions, contact Qotom support for further assistance.

## 8. SPECIFICATIONS

| Feature | Detail |
|---------|--------|
|---------|--------|

| Feature              | Detail                                                 |
|----------------------|--------------------------------------------------------|
| Model Name           | Q1035GE-S13                                            |
| Processor            | Intel Core i3-10110U (2.1 GHz)                         |
| RAM                  | 8 GB DDR4 SODIMM (Upgradable)                          |
| Hard Drive           | 128 GB SSD (Upgradable)                                |
| Graphics Coprocessor | Intel UHD Graphics (Integrated)                        |
| Ethernet Ports       | 8x Intel I226V 2.5 Gigabit LAN                         |
| USB Ports            | 4x USB 3.0                                             |
| Video Output         | HDMI, DisplayPort                                      |
| Operating System     | Supports Windows 10, Linux, pfSense, OPNsense, OpenWrt |
| Power Source         | DC 12V                                                 |
| Item Weight          | 5.5 pounds (approx. 2.5 kg)                            |
| Product Dimensions   | 7.72 x 4.8 x 1.85 inches (19.6 x 12.2 x 4.7 cm)        |

## 9. WARRANTY INFORMATION

The Qotom Q1035GE Mini PC comes with a standard limited warranty. For specific details regarding warranty coverage, duration, and terms, please refer to the warranty card included with your product or visit the official Qotom website. Keep your proof of purchase for warranty claims.

## 10. SUPPORT

For technical assistance, product inquiries, or troubleshooting beyond the scope of this manual, please contact Qotom customer support through their official website or the contact information provided with your purchase. When contacting support, please have your product model (Q1035GE-S13) and purchase details readily available.

### ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for

conversion attribution. [Privacy details](#).

**Question**

Example: How do I reset this device or fix this error?

**Details**

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question