

Gateway Quantum-G1100

Gateway FIOS Quantum-G1100 Router Instruction Manual

Model: Quantum-G1100 | Brand: Gateway

1. INTRODUCTION

The Gateway FIOS Quantum-G1100 is a versatile device designed to transmit and distribute digital entertainment and information to multiple devices within your home or office. This gateway supports networking via coaxial cables, Ethernet, and Wi-Fi, providing a robust solution for your connectivity needs. It is compatible with FIOS and Frontier services.

2. SAFETY INFORMATION

- Ensure the device is placed in a well-ventilated area to prevent overheating.
- Do not expose the device to water or moisture.
- Use only the provided power adapter.
- Keep the device away from direct sunlight and heat sources.
- Do not attempt to open or repair the device yourself. Refer to qualified service personnel.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- FIOS Verizon Gateway Quantum-G1100
- Power Adapter
- Ethernet Cable (may vary by package)
- Coaxial Cable (may vary by package)

4. PRODUCT OVERVIEW

The Quantum-G1100 features a sleek design with integrated ventilation to maintain optimal operating temperature. It supports multiple networking standards for comprehensive connectivity.



Figure 1: Front and side view of the FIOS Verizon Gateway Quantum-G1100 router, showcasing its black casing and "Frontier" branding.

Key Features:

- WAN: Gigabit Ethernet and MoCA 2.0 interfaces.
- LAN: 802.11 b/g/n/ac Wi-Fi, Gigabit Ethernet, and MoCA 2.0 interfaces.
- Integrated wired networking with a 4-port Ethernet switch and Coax (MoCA).
- Supports both 2.4 GHz and 5 GHz Wi-Fi bands.

5. SETUP

1. **Connect the Coaxial Cable:** Connect one end of the coaxial cable to the "Cable In" port on the Quantum-G1100 and the other end to your wall's coaxial outlet.
2. **Connect the Ethernet Cable (Optional):** If connecting directly to a device, plug one end of an Ethernet cable into one of the LAN ports on the gateway and the other end into your computer or network device.
3. **Connect the Power Adapter:** Plug the power adapter into the "DC In" port on the gateway and then into a power outlet.
4. **Power On:** Press the power button (if available) or wait for the device to power on automatically. The indicator lights on the front will illuminate as the device starts up.
5. **Initial Configuration:**
 - Wait for the indicator lights to stabilize, indicating a successful connection.
 - On a computer or mobile device, connect to the default Wi-Fi network name (SSID) and password found on the label of your gateway.
 - Open a web browser and navigate to the gateway's administration page (usually 192.168.1.1). Follow the on-screen instructions to customize your network settings, including changing the Wi-Fi name and password.

6. OPERATING INSTRUCTIONS

Once set up, your Quantum-G1100 will provide Wi-Fi and wired internet access. Here are some basic operating guidelines:

- **Connecting Devices:** Connect your devices (smartphones, tablets, computers, smart home devices) to the Wi-Fi network using the SSID and password you configured. For wired connections, use Ethernet cables.
- **Indicator Lights:** Monitor the LED indicators on the front of the gateway. These lights provide status information about power, internet connection, Wi-Fi activity, and connected devices. Refer to the device's label or online documentation for a detailed explanation of each light's status.
- **Network Management:** Access the gateway's administration page via a web browser to manage network settings, view connected devices, set up parental controls, or configure advanced features.

7. MAINTENANCE

- **Keep Ventilated:** Ensure the gateway is placed in an open area with good airflow to prevent overheating. Avoid covering the ventilation slots.
- **Regular Cleaning:** Dust the exterior of the device periodically with a soft, dry cloth. Do not use liquid cleaners.
- **Firmware Updates:** Periodically check the manufacturer's website or your service provider's support page for firmware updates. Keeping the firmware updated ensures optimal performance and security.
- **Restarting the Gateway:** If you experience connectivity issues, try restarting the gateway by unplugging it from the power outlet for 30 seconds and then plugging it back in.

8. TROUBLESHOOTING

Problem	Possible Solution
No Internet Connection	<ul style="list-style-type: none">◦ Check all cable connections (coaxial, Ethernet, power).◦ Restart the gateway and modem (if separate).◦ Verify service status with your internet service provider.
Weak Wi-Fi Signal	<ul style="list-style-type: none">◦ Relocate the gateway to a central location, away from obstructions and interference.◦ Ensure the gateway is not placed near other electronic devices that may cause interference.◦ Consider using a Wi-Fi extender for larger homes.
Cannot Access Administration Page	<ul style="list-style-type: none">◦ Ensure your device is connected to the gateway's network.◦ Verify the correct IP address (e.g., 192.168.1.1) in your browser.◦ Try a different web browser.

9. SPECIFICATIONS

- **Product Dimensions:** 12.1 x 9.4 x 6.7 inches
- **Item Weight:** 3.5 pounds
- **Brand:** Gateway
- **Model Name:** LYSB01ETSPPEO-ELECTRNCS (Quantum-G1100)
- **Special Feature:** WPS
- **Frequency Band Class:** Dual-Band (2.4 GHz and 5 GHz)
- **Wireless Communication Standard:** 802.11ac
- **Compatible Devices:** Personal Computer
- **Recommended Uses For Product:** Home, Office
- **Connectivity Technology:** Ethernet, Wi-Fi
- **Color:** Black
- **Antenna Type:** Internal

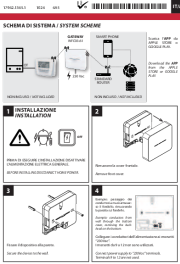
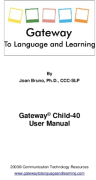

10. WARRANTY AND SUPPORT




For warranty information and technical support, please refer to the documentation provided with your purchase or visit the official Gateway or Verizon/Frontier support websites. Keep your purchase receipt and product serial number handy for any inquiries.

Note: Warranty terms and support options may vary based on your region and retailer.

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Related Documents - Quantum-G1100

	<p>Gateway WFC03.61 System Scheme and Installation Guide</p> <p>Comprehensive guide to installing and setting up the Gateway WFC03.61 smart home device. Includes system overview, step-by-step installation instructions, wiring details, and LED status explanations.</p>
	<p>Gateway Child-40 User Manual: Language and Learning System</p> <p>User manual for the Gateway Child-40, a communication system designed for school-aged children to develop language skills, syntax, and expressive communication through symbol sequencing, word endings, and a comprehensive vocabulary. Includes overview, features like Dynamic Morphology and Semantic Power Strips, practice exercises, and implementation suggestions.</p>
	<p>Gateway GATA31012 Tablet Quick Start Guide</p> <p>Quick start guide for the Gateway GATA31012 tablet, covering power functions, exterior features, and box contents. Includes FCC compliance information.</p>

	<p>Gateway GWNN11744 Quick Start Guide</p> <p>Concise guide for setting up your Gateway GWNN11744 laptop, including setup steps, port identification, and package contents.</p>
	<p>Gateway GWNC214H34 Laptop: Quick Start Guide and Warranty Information</p> <p>Get started with your Gateway GWNC214H34 laptop. This guide provides setup instructions, details on product features, important safety precautions, FCC compliance information, and the GPU Company limited warranty policy.</p>
	<p>Gateway GWTC71427 Laptop Quick Start Guide</p> <p>Comprehensive quick start guide for the Gateway GWTC71427 laptop, detailing setup, operation, safety precautions, and regulatory information. Learn to connect to Wi-Fi, use the Start menu, and ensure safe usage.</p>