# TREND MICRO™
Cloud Edge 70 G2 Quick Start Card *Routing Mode/Bridge Mode*

TREND MICRO™

Trend Micro Cloud Edge is a next generation security solution for MSPs (Managed Service Provider) that combines on-premises and cloud-based security features. Deploy your Cloud Edge 70 G2 on-premises and the MSP can remotely manage your network through the cloud.

1 Opening and Inspecting the Carton

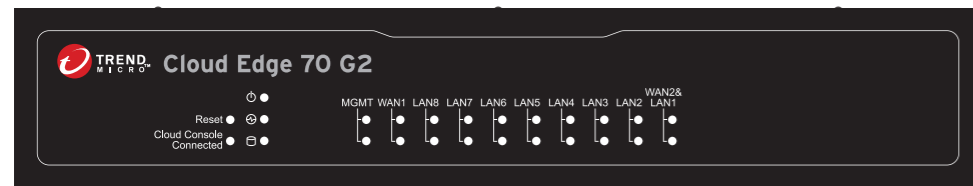Verify that the Cloud Edge gateway carton contains the following items:

Power Cord

Serial cable
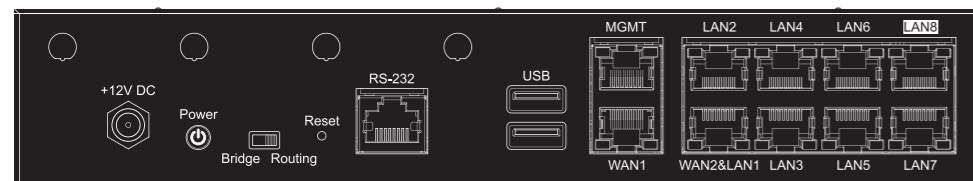
AC adapter

Ethernet cable

Documents
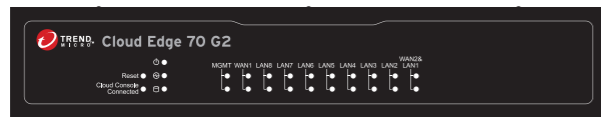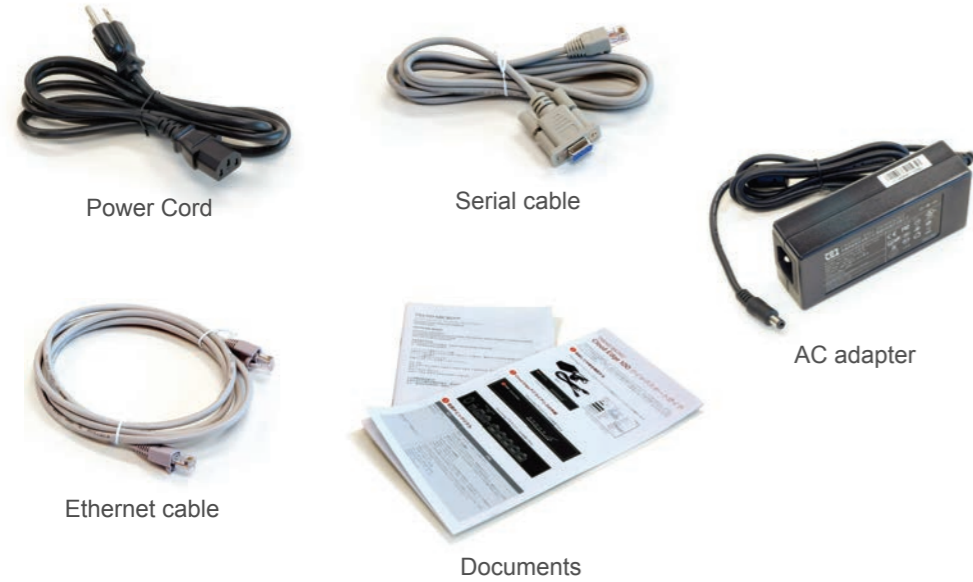
Cloud Edge Gateway

⚠ *Note: Cable connectors and colors may vary depending on product version.*
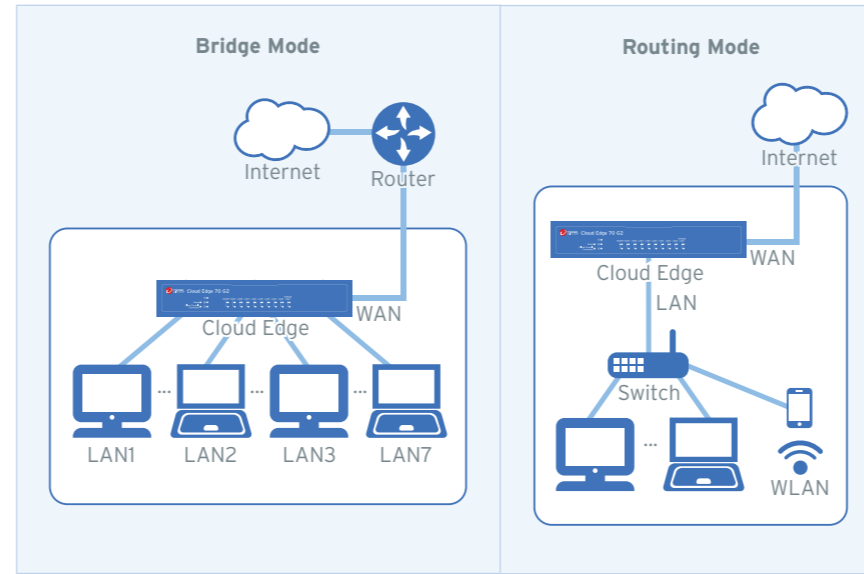
2 Examining the Cloud Edge Gateway

Cloud Edge Gateway Front Panel

TREND MICRO Cloud Edge 70 G2
Reset
Cloud Console Connected
MGMT WAN1 LAN8 LAN7 LAN6 LAN5 LAN4 LAN3 LAN2 WAN2& LAN1

Cloud Edge Gateway Back Panel

MGMT LAN2 LAN4 LAN6 LAN8
+12V DC Power Reset RS-232 USB
Bridge Routing
WAN1 WAN2&LAN1 LAN3 LAN5 LAN7

3 Deployment Modes

Bridge Mode

Internet — Router — WAN — Cloud Edge
LAN1 LAN2 LAN3 LAN7

Routing Mode

Internet — WAN — Cloud Edge — LAN — Switch — WLAN

| Mode	Description
Bridge	Gateway acts as a transparent layer 2 device, providing scan and threat protection without interrupting traffic flow. Also functions as a hardware switch. WAN1 connects to the Internet and seven LAN ports connect directly to endpoints.
Routing	Gateway is visible on the network and acts as a layer 3 routing device with traffic scanning and control capabilities.

4 Deployment Checklist

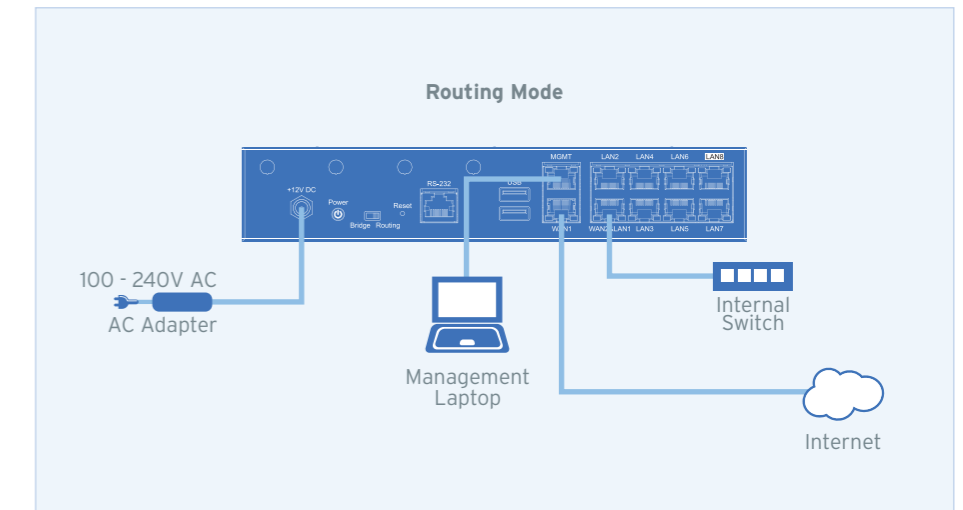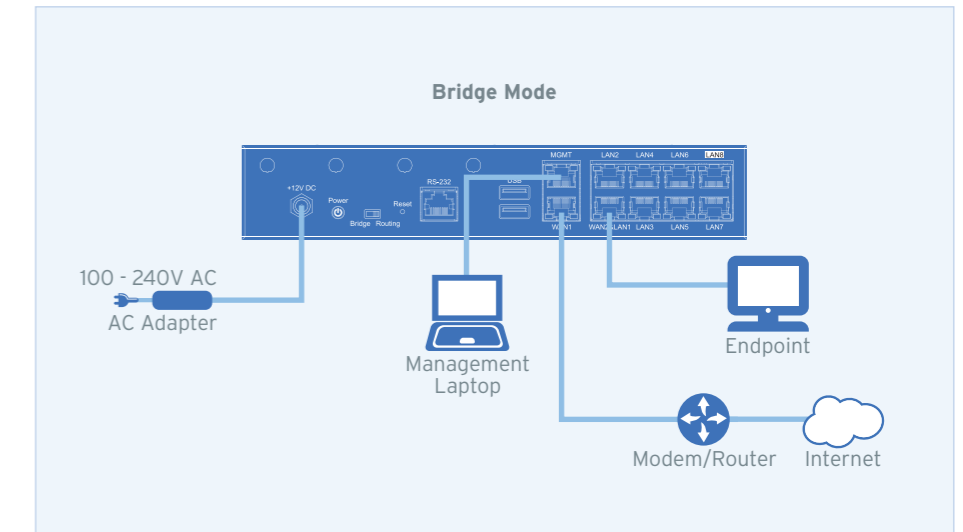| Requirement	Details
Ethernet cables (3)	Connect to MGMT and WAN ports. Bridge Mode: • Connect LAN1 to internal endpoint. Routing Mode: • Connect LAN1 to internal network.
IP addresses (1-2)	Bridge Mode: • Internal address for virtual interface (sw0): DHCP or Static (IP address, netmask, gateway) Routing Mode: • External address for WAN1: DHCP, Static, or PPPoE (user name/password) • Internal address for LAN1 (Static)
DNS settings	Bridge Mode: • Your network DNS server IP addresses. Routing Mode: • Your network DNS server IP addresses if not assigned by ISP

Laptop with Ethernet port	Laptop with the following:
	• Adobe™ Flash™ 10 or later
	• Supported web browser
	  • Firefox™ 70 or later
	  • Google™ Chrome 78 or later
	  • Internet Explorer™ 11

5 Setting up the Hardware

1. Toggle the switch on the back panel as needed.
2. Connect the Cloud Edge gateway to a power source.
3. Power on the Cloud Edge gateway.

Power   Reset
Bridge Routing
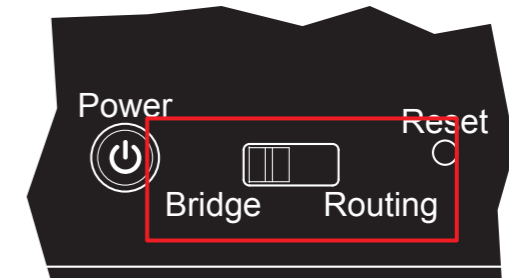
6 Connecting to the Network
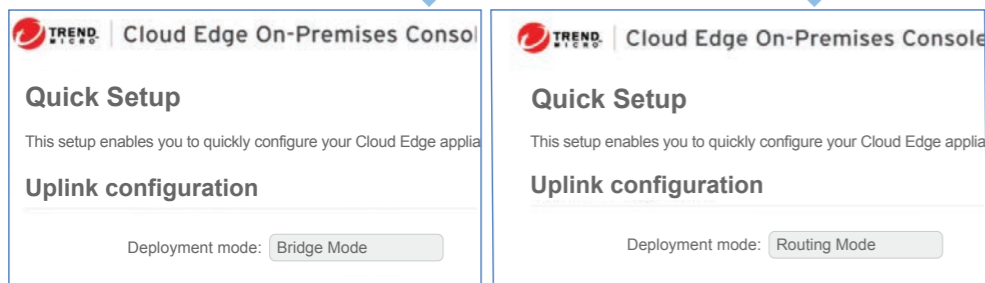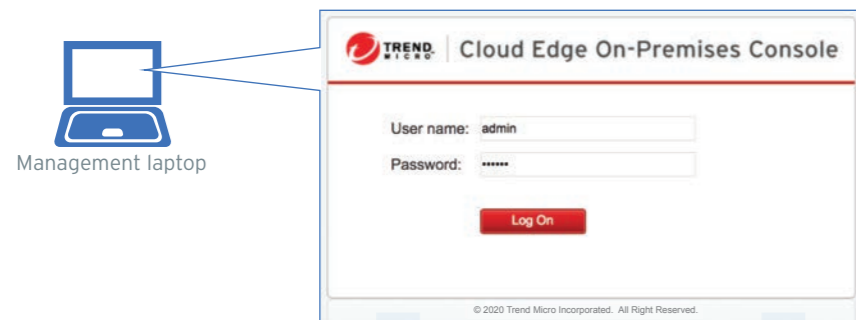
1. Connect the WAN1 port to a wide area network (i.e. Internet).
2. Connect the LAN1 port to an internal endpoint (Bridge Mode) or an internal network (Routing Mode).
3. Power on the Cloud Edge gateway.

Bridge Mode

100 - 240V AC
AC Adapter
Management Laptop
Endpoint
Modem/Router Internet

Routing Mode

100 - 240V AC
AC Adapter
Management Laptop
Internal Switch
Internet

7 **Logging on the Web Console**

1. Open a supported web browser.
2. Go to the URL: https://setup.cloudedge or https://192.168.252.1:8443.
3. Specify the logon credentials.
   - **User name**: admin
   - **Password**: adminCloudEdge
4. Press **Enter** or click **Log On**.

Management laptop

Cloud Edge On-Premises Console

User name: admin
Password: ••••••

Log On

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Cloud Edge On-Premises Console

Quick Setup

This setup enables you to quickly configure your Cloud Edge applia

Uplink configuration

Deployment mode: Bridge Mode

Cloud Edge On-Premises Console

Quick Setup

This setup enables you to quickly configure your Cloud Edge applia

Uplink configuration

Deployment mode: Routing Mode

8 **Performing the Initial Configuration**

After logging on for the first time, the Quick Setup screen opens automatically. Perform one set of initial configuration steps below - either for Bridge Mode or for Routing Mode, depending on the deployment mode you chose.

Bridge Mode

1. In the **Uplink configuration** section, specify information for sw0.
   - **DHCP**
   - **Static**: Specify IPv4 address, netmask, and gateway.
2. Specify DNS server IP addresses (if not assigned by DHCP).
3. Under **System settings** section:
   a. Specify a FQDN in the **Host name** field.
   b. Configure time settings.
      - Automatically: Select **Enable NTP server** and enter the NTP server IP address.
      - Manually: Select **Manually set time** and enter time in the **Local time** field.
4. Click **Start Configuration Test** to verify and then click **Save & Register**.

Note: *You can modify the Intranet Security mode after initial deployment using Cloud Edge Cloud Console. You cannot modify which interfaces are included in the switch.*

Routing Mode

1. In the **Uplink configuration** section, specify information for the WAN interface.
   - **DHCP**
   - **PPPoE**: Specify user name and password.
   - **Static**: Specify IPv4 address, netmask, and gateway.
2. Specify DNS server IP addresses (if not assigned by DHCP or PPPoE).
3. Under **System settings** section:
   a. Specify a FQDN in the **Host name** field.
   b. Configure time settings.
      - Automatically: Select **Enable NTP server** and enter the NTP server IP address.
      - Manually: Select **Manually set time** and enter time in the **Local time** field.
4. Click **Start Configuration Test** to verify and then click **Save & Register**.
5. Click on the **Cloud Edge On-Premises Console** link.
6. Go to **Network → Interfaces**.
7. Click the LAN1 interface, select L3 type, and configure IP address settings.
   - **DHCP**
   - **Static**: Specify IPv4 address, netmask, and optionally, a gateway.
8. Click **Apply**.

9 **Verifying Connectivity**

The Green LED (Light-Emitting Diode) on the front panel shows the deployment status.

Green LED — Reset / Cloud Console Connected
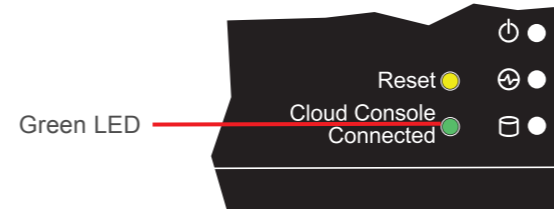
Cloud Console LED	Status
No light	Gateway cannot communicate with the Internet.
Solid green light	Gateway is registered and communicating with Cloud Edge Cloud Console.
Blinking green	Gateway is not registered or cannot communicate with Cloud Edge Cloud Console. Contact your managed service provider for assistance.

**10** **Register Cloud Edge with Cloud Edge Cloud Console**

After your MSP creates an account for you, you will receive an email with a link to access Customer Licensing Portal (CLP).

1. Open the email sent from Trend Micro.
2. Log in to CLP using the account information provided in the email.
3. In the **Products/Services** screen of CLP, click **Open Console** to open the Cloud Edge Cloud Console.
4. If your product has not been registered, register the product using the gateway serial number located on the gateway appliance.

11 **Restoring Factory Settings**

Restore the Cloud Edge gateway to factory settings to reconfigure your network settings or to decommission hardware. The yellow LED on the front panel shows the factory settings restore status.

1. Power on the Cloud Edge gateway and wait for the system to start.
2. Press and hold the reset button located on the back panel for about 10 seconds until the yellow reset LED on the front panel starts to blink.
3. Release the reset button. The gateway starts the factory reset. The gateway will restart two times during this process.

Yellow LED — Reset / Cloud Console Connected
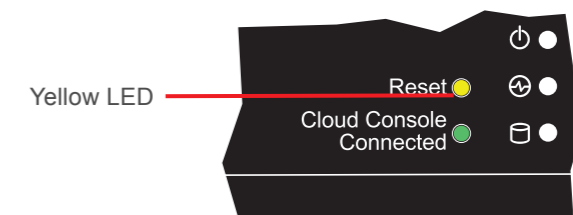
12 **Cautions**

1. Lithium Battery Caution
   - There is risk of explosion if the battery is replaced by an incorrect type.
   - Dispose of used batteries according to the instructions.
   - Installation should be performed only by a skilled person who knows all installation and applicable device specifications.
   - Do not carry power supplies by the handle when moving to another place.
   - Please conform to your local laws and regulations regarding safe disposal of lithium batteries.
   - Disposal of a battery into a fire or a hot oven, or mechanically crushing or cutting of a battery can result in an explosion.
   - Leaving a battery in an extremely high temperature environment can result in an explosion or the leakage of flammable liquid or gas.
   - A battery subjected to extremely low air pressure may result in an explosion or leakage of flammable liquid or gas.

2. Grounding Caution
   This equipment must be grounded and the power cord for the product should be connected to a socket outlet with a grounded connection.

13 **Contact Information**

- Cloud Edge Website:
  https://www.trendmicro.com/en_us/small-business/cloudedge-network-security.html
- Cloud Edge Documents Website:
  http://docs.trendmicro.com/en-us/smb/cloud-edge.aspx
- List of worldwide offices and phone numbers:
  http://www.trendmicro.com/us/about-us/contact/index.html

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