

Brainboxes Ethernet to Serial Installation Guide



PLEASE READ CAREFULLY

The “Setup” program will install the Boost.LAN Manager application.

- **Boost.LAN Manager** application is the graphical user interface for locating and configuring all Brainboxes’ Ethernet to Serial devices in Windows.
- **Boost.LAN** is the COM ports device driver that you will use in Windows to access your ES ports as standard Windows COM ports. You need Boost.LAN Manager to install the Boost.LAN COM ports driver.
- **Neither** Boost.LAN Manager or Boost.LAN is required if:
 1. Your application speaks directly to IP addresses. (E.g. using telnet or Win sock communication)
 2. You want to remotely change the settings of the ES device via web page access

Follow the instructions below to start the installation process.

Connecting Your ES Device

1. Connect the ES device to your local network by using an Ethernet cable and plugging into the Ethernet port connection. The ES Ethernet port will automatically detect the polarity of the Ethernet connection so both a straight through or crossover Ethernet cable can be used.
2. Connect the power adapter or a DC power line (5-30V) to the ES power terminal block or jack connection.

If using the Brainboxes PW-644 power supply ensure:

- a. the wire marked “-“ is connected to V-
 - b. the wire marked “+“ is connected to V+
3. Confirm the device beeps as it is turned on.
 4. When the Status LED starts shows a solid green light the device is ready to use.
 5. Connect the serial cable from your serial device to the port terminal block or DB 9 connector (depending on ES model) on the ES device.

Make a note of device MAC address (on the side of the ES device, XX-XX-XX-XX-XX) as you will need it to identify the device on your network later.

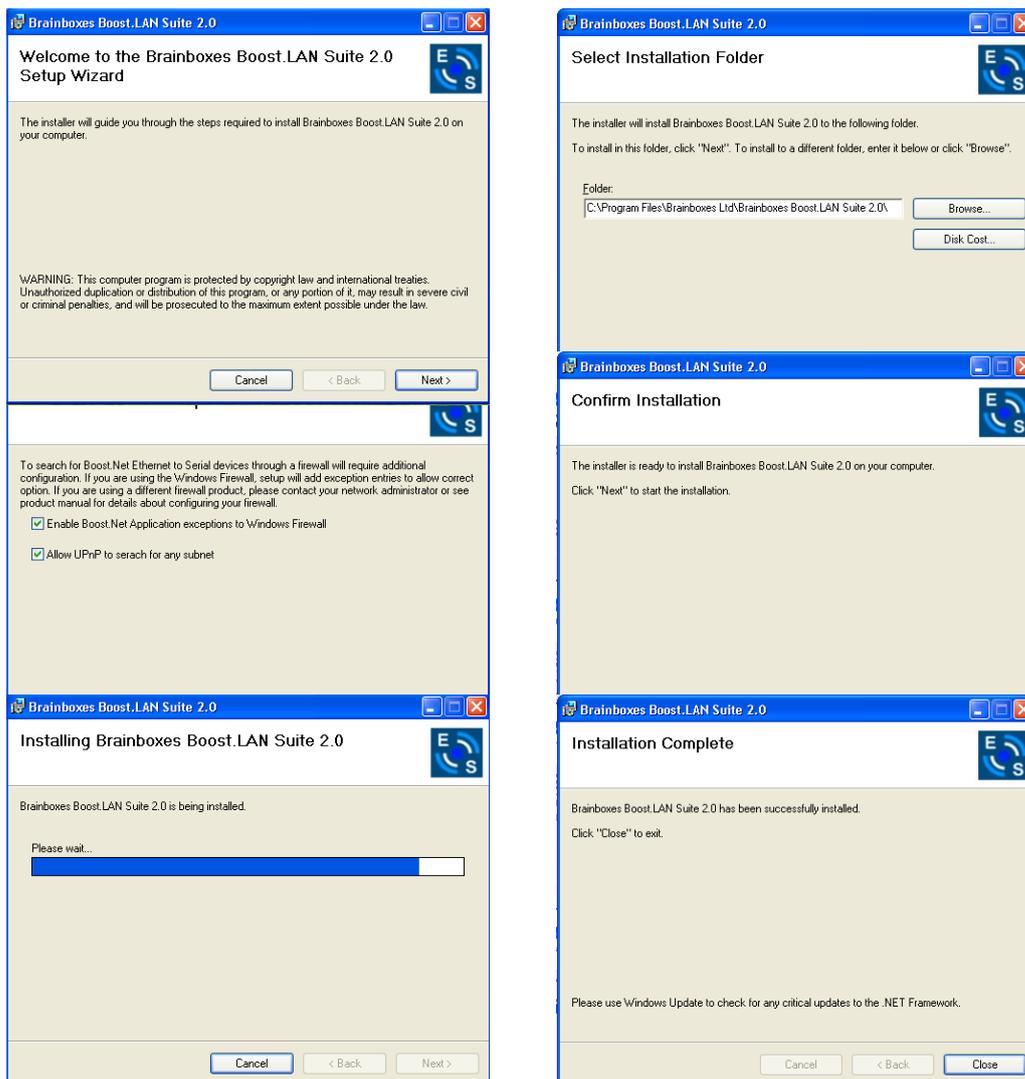
Windows Installation: Boost.LAN Manager Application

With the computer turned on, insert the Boost.LAN Driver CD. This should launch the Brainboxes Navigation Page

Note: If the navigation page does not auto load, go to Start → My Computer → Right Click the CD and select Explore. This will open the CD in Windows Explorer for browsing the contents of the CD. Locate the “Setup” program on the CD and double click to launch. Proceed to Step 3.

Click “Install” to launch the Boost.LAN Setup.exe program.

Follow the on screen instructions to install the Boost.LAN Manager application

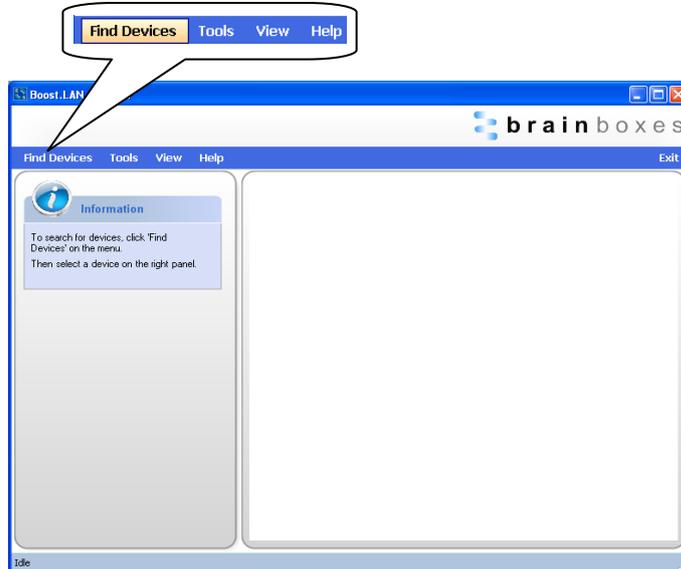


When installation is complete, you should see an icon labelled “Boost.LAN Manager” on the desktop

Windows Installation: Device Driver

Double click the icon labelled “Boost.LAN Manager” on the desktop to open the application.

Click on the “*Find Devices*” link on the top left hand side of the window. This will find any Brainboxes Ethernet to Serial devices connected to your network.

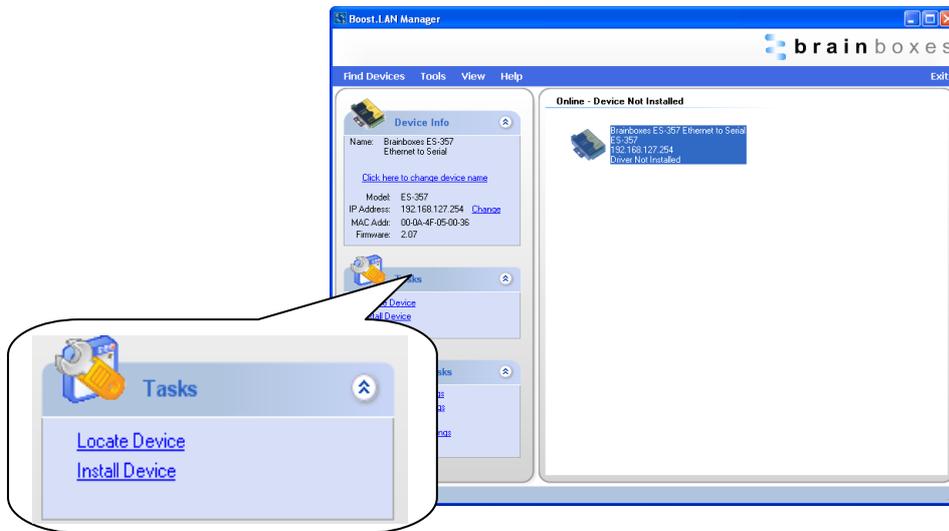


You can find your Brainboxes ES-device by selecting a device and matching it with the corresponding MAC address available in the left hand panel (see below). The MAC address of your device is located on a sticker on the side of the ES device.



Once found, select the device and scroll to the “*Tasks*” section on the left hand panel.

Click “Install Device”.



When the device is installed a pop up box will appear saying “Your new hardware is installed and ready to use.”



Once installation is complete (indicated by balloon above), your device will now be ready to use.