LF0355-AT7 Quick-start
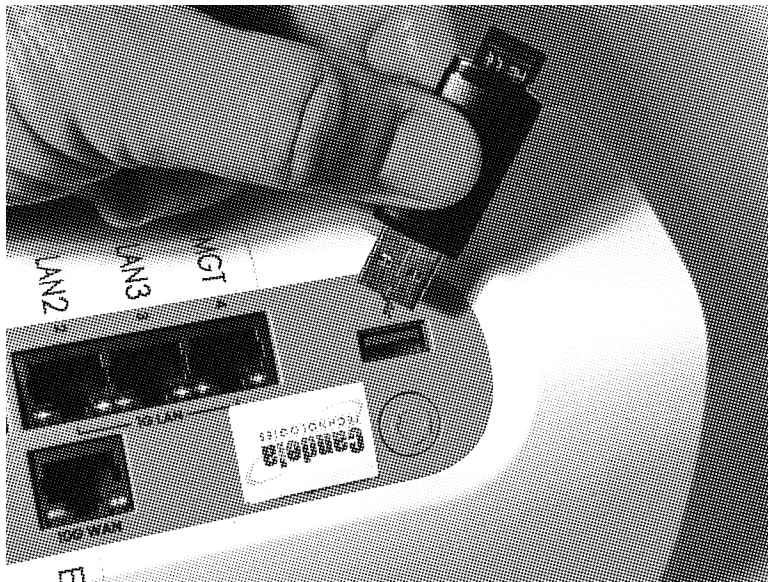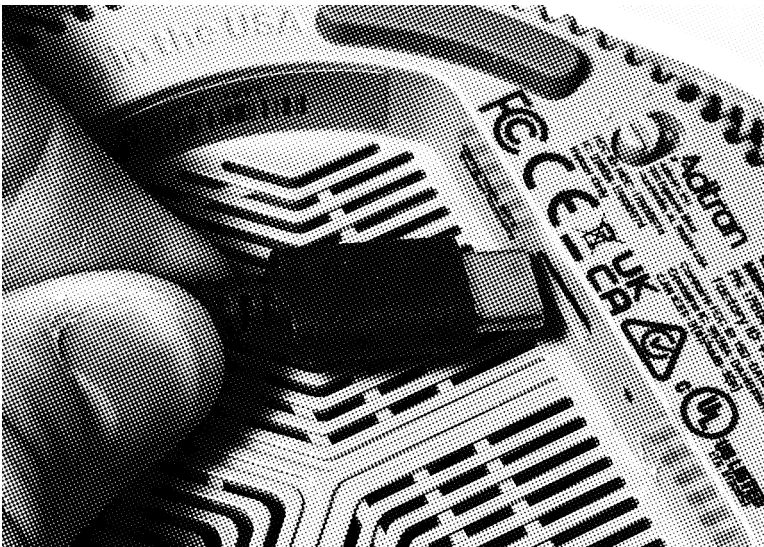
Your AT7 comes with:

- USB Stick with LANforge software
- USB-C power adapter
- USB TTL serial adapter
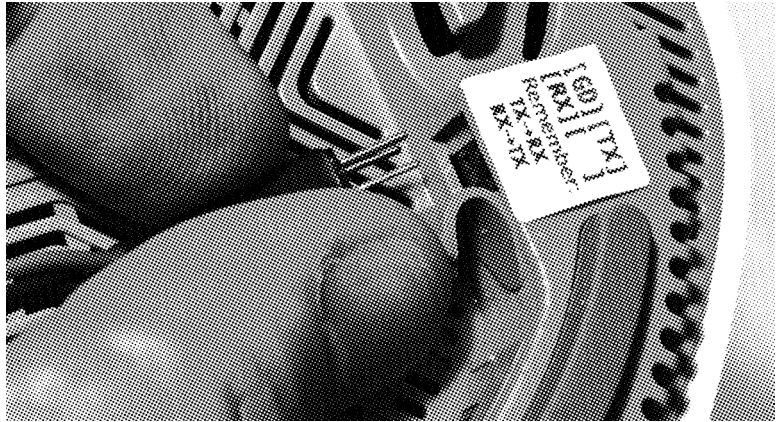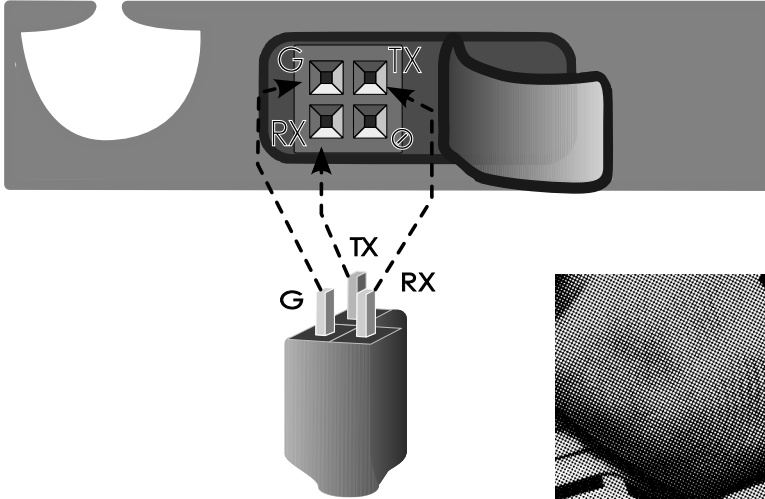- Ethernet cable

Assembly Steps:

1. Plug the **USB stick** into the USB A socket of the cable panel.

2. Flip the unit upside down and plug the **USB-C charging cable** in. Do not connect to wall power yet.
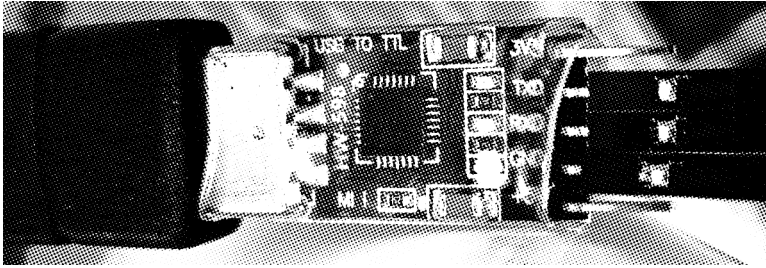
3. Connect the **3-pin jumper cable** into the USB TTL port on the opposite side of the bottom recess from the power port. You will have to pry back a little rubber dust cover.

Remember that UART TTY cables connect with TX → RX and RX → TX. The lower right socket on the UART header does not get a pin.
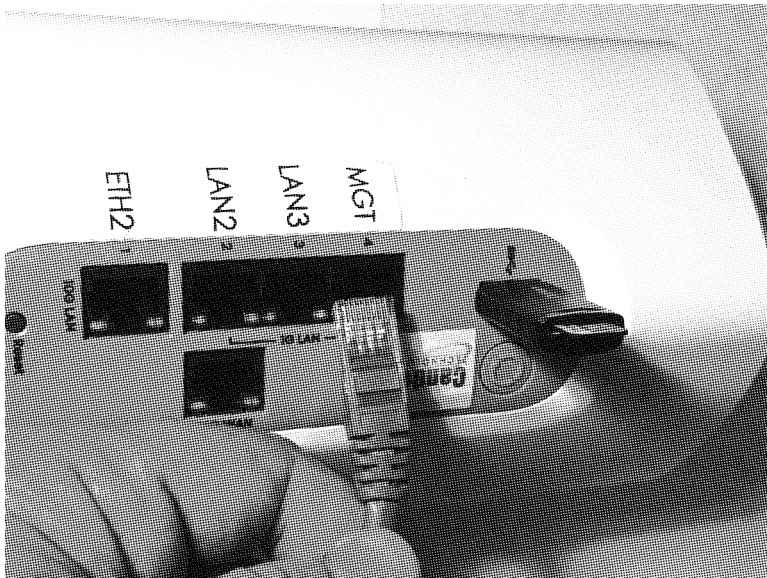

With both cables connected:

4. Connect the USB-A end of the TTL converter to your **laptop**. You can use Putty or minicom to connect to it later.

5. Connect the **Ethernet cable** to the management (**MGT**) port on the AT7 to either your management switch or your laptop.

Power On

6. Plug the USB **power brick** to wall power. A green LED will turn on in the recessed base of the AT7. This confirms wall power, but not system on/off status.

7. Slide the gray **power switch** from **0** to **1** to turn the unit on. You will notice LEDs on the cable panel Ethernet ports shine when the unit is switched on.

Connect via Serial

8. Open Putty or Minicom on your laptop. Connect at **8n1 115200**. You should see boot messages and a login prompt when connected.
   Login: `lanforge`
   Password: `lanforge`.

Connect via *ssh*

9. *If your AT7 is plugged into your **laptop***, its IP address will default to 192.168.1.101. Assign an IP to your laptop Ethernet port on the same subnet (E.G. 192.168.1.100) Netmask 255.255.255.0.

10. *If your AT7 is plugged into your **management network***, your AT7 should gain a DHCP address. The hostname will end with the last octets of the MAC address (EG: `lf0355-at7-04f2`)

Connect via *VNC*

11. If you want to view the VNC desktop, you have to enable the feature and reboot the system:

    1. Login as *lanforge*

    2. At the prompt, type:
       `sudo ./start_vnc` `Enter ↵`
       `sudo reboot` `Enter ↵`

    3. When the system comes back, connect VNC to the DHCP address or 192.168.1.101 ***display :1***. EG: `192.168.1.101:1`