



CONNECT TO THE NETVANTA 340

1. Connect the NetVanta 340 **ETHERNET** interface to the PC using the appropriate Ethernet cable.
2. Supply power to the PC and the NetVanta 340 and begin the operating system boot up process. During boot up, the PC obtains an IP address from the NetVanta 340 DHCP server. By default, both the DHCP and HTTP Servers are enabled. The default IP address is 10.10.10.1.
3. Open your internet browser and enter 10.10.10.1. in the URL field. The NetVanta 340 login window appears.
4. Enter the default username (**admin**) and password (**password**), and click the **OK** button.



*For security purposes, you should set up an **admin** password immediately. Use the **Passwords** page of the Web GUI to change this password.*

5. By default, the NetVanta 340 comes with an ADSL and an ATM (Asynchronous Transfer Mode) port already configured and enabled. The service provider should provide a PVC (VPI / VCI) number which will be used to configure the ATM PVC.

FEATURES

- One integrated 10/100 Ethernet port
- ADSL Network Interface - ITU 992.1, 992.2, ANSI T1.413 Issue 2
- WAN Protocol: ATM
- Integrated IP Router with Bridging
- Command Line Interface (CLI)
- SNMP Management
- Web Based Management
- Front panel LEDs
- Dying gasp capability
- Dynamic rate adaption support

CONFIGURE THE ATM PVC

1. Click on the **Getting Started** link under the **System** menu. This will bring up a side bar page.
2. Click on **Step 1 - Configure the Public Interface** at the top of the side bar page to open the ATM PVC page.
3. Fill in the PVC number and select an **Interface Mode**. This is usually PPP or PPPoE; however, if **IP routing** is chosen, you will need to enter an IP address.
4. Click **Apply**. If PPP or PPPoE is selected as the **Interface Mode**, you will be taken to the PPP page after clicking **Apply**. Here you will need to select the type of authentication needed, authentication passwords, and the **Address Type**. In most cases you will want the **Address Type** to be **Negotiated**. Click **Apply** when all the information is complete.



*The default switch must be pressed **WHILE** the power light is blinking green. Do not press the default switch **BEFORE** the power light is blinking green, as this will cause boot to be missed.*

FACTORY DEFAULT SWITCH

- If pressed during boot up, the default switch (pointed out in the illustration above) will cause the unit to stay in bootstrap mode. Since the unit has no serial port, Telnet has been built in to the boot code. The default IP address is 10.10.10.1.
- If pressed and held for 5 seconds after boot, the **ETHERNET** interface will default to 10.10.10.1, and all access policies will be removed from that interface.
- If pressed for 30 seconds, a default configuration will overwrite your existing configuration and reboot the unit.

SPECIFICATIONS

| | |
|----------------------|---|
| Interfaces | ADSL: RJ-11; Ethernet: RJ-48C |
| Compliance | FCC Part 15, Class B; ACTA/FCC Part 68; UL 60950, Industry Canada CS-03, CNA/CSA C.22.2, No. 60950 |
| Environmental | Operating Temperature: 0°C to 40°C Storage Temperature: -20°C to 85°C Relative Humidity: 8 to 100% non-condensing |
| Power | 120 VAC, 60 Hz, 65 mA, double insulated |

10/100BASET ETHERNET CONNECTOR PINOUT

| Pin | Name | Description |
|------------|------|-------------------|
| 1 | TX1 | Transmit Positive |
| 2 | TX2 | Transmit Negative |
| 3 | RX1 | Receive Positive |
| 6 | RX2 | Receive Negative |
| 4, 5, 7, 8 | — | Unused |

ADSL CONNECTOR PINOUT

| Pin | Name | Description |
|-----|------|-------------|
| 1-2 | — | Unused |
| 3 | T | ADSL Tip |
| 4 | R | ADSL Ring |
| 5-6 | — | Unused |

NETVANTA 340 LEDS

| For these LEDS... | This activity... | Indicates that... |
|-------------------|------------------|---|
| Power | Green (blinking) | Unit is powering up. On power-up the Power LED blinks rapidly for five seconds, during which time the user may escape to boot mode. |
| | Green (solid) | Power is on and self-test passed. |
| | Red (solid) | Power is on, but the self-test failed or the boot mode (if applicable) code could not be booted. |
| Ethernet | Green (blinking) | LAN activity is present (traffic in either direction). |
| | Green (solid) | Powered device is connected to the Ethernet port (i.e., link integrity). |
| | Off | There is no LAN activity on the Ethernet port (or modem is powered off). |
| DSL | Off | Modem power is off. |
| | Green (blinking) | Attempting DSL sync. |
| | Green (solid) | DSL link is up and everything is operational. |
| | Red (solid) | DSL connection failure. |
| Internet | Off | Modem power is off, modem is in bridged mode, or ADSL connection is not present. |
| | Green (blinking) | IP connected and IP traffic is passing through the device (in either direction). |
| | Green (solid) | IP connected (the device has a WAN IP address from IPCP or DHCP and DSL connection is up) and no traffic is detected. If the IP or PPPoE session is dropped, the light remains green if an ADSL connection is still present. Light turns red when it attempts to reconnect and DHCP or PPPoE fails. |
| | Red (solid) | Modem attempted to become IP connected and failed (no DHCP response, no PPPoE response, PPPoE authentication failed, no IP address from IPCP, etc.). |



Additional information is given in the NetVanta 340 Hardware Installation Guide available online at www.adtran.com.