



PXNplus Modem Board Installation Instructions

460632001A • November 2005

Copyright © 2005, GE Security Inc.

Introduction

The modem board provides on-board dial-up capabilities.

<i>Shutting down the micro</i>	1
<i>Setting the jumper on the PXNplus CPU board</i>	1
<i>Installing the modem board</i>	1
<i>Setting the jumper on the Integrated I/O board (M2000 only)</i> ..	2
<i>Connecting the phone line</i>	2
<i>Starting the micro</i>	2
<i>Configuring using the Integrated Configuration Tool</i>	2



WARNING: Circuit board components are vulnerable to damage by electrostatic discharge (ESD). ESD can cause immediate or subtle damage to sensitive electronic parts. An electrostatic charge can build up on the human body and then discharge when you touch a board. A discharge can be produced when walking across a carpet and touching a board, for example. Before handling any board, make sure you dissipate your body's charge by touching ground. This discharges any static electricity build-up.

Shutting down the micro

M5PXNplus and M3000PXNplus

1. To safely shut down the micro operating system, short JP3 for approximately 5 seconds until DS8 turns on. DS2 and DS3 then alternate On.
2. Disconnect power and battery backup power.
3. Remove any connected cables.
4. Carefully remove the PXNplus CPU board from the micro.
5. Continue with *Setting the jumper on the PXNplus CPU board* on page 1.

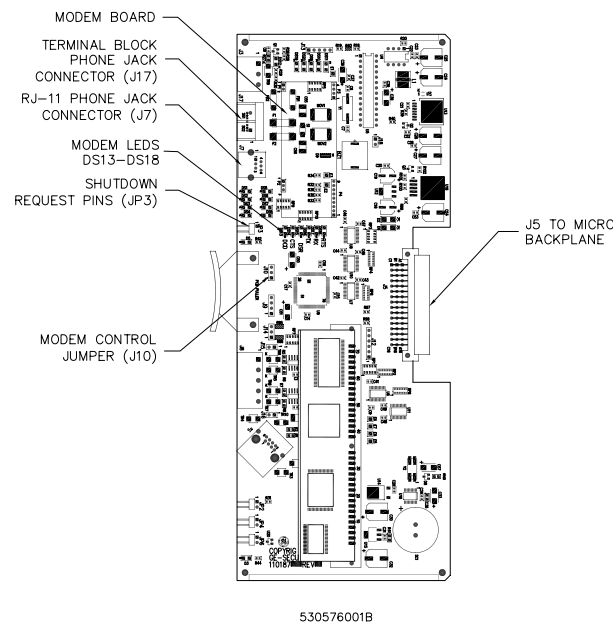
M2000PXNplus

1. To safely shut down the micro operating system, short JP3 for approximately 5 seconds until DS8 turns on. DS2 and DS3 then alternate On.
2. Disconnect power and battery backup power.

Setting the jumper on the PXNplus CPU board

1. Locate J10 on the PXNplus CPU board as shown in *Figure 1*.
2. Jumper pins 2 and 3 on J10.

Figure 1. Location of jumper and modem board connectors



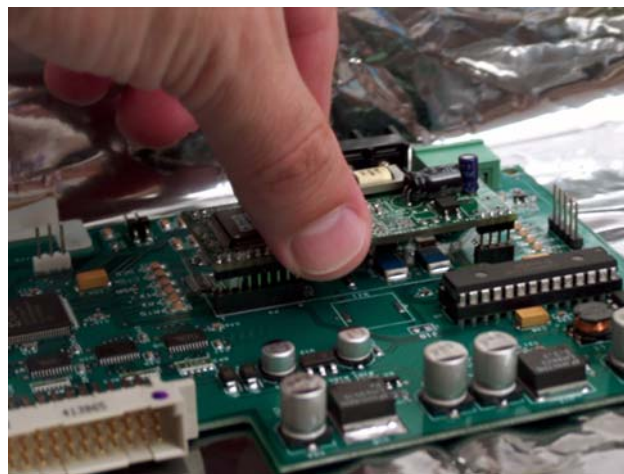
Installing the modem board

Carefully press the modem board onto the connectors (P1, P2, P3, and P4) provided on the PXNplus CPU board as shown in *Figure 2*.



CAUTION: Be sure to align the pins properly!

Figure 2. Installing the modem board



Setting the jumper on the Integrated I/O board (M2000 only)

1. Set SW5-2 to On.
2. The setting of SW5-5 does not apply.

Connecting the phone line

Connect the phone line using one of the following methods:

- standard RJ-11 located at connector J7 on the PXNplus CPU board
- terminal block (two-wire, polarity independent) located at connector J17.

See *Figure 1* for the location of these connectors.

Starting the micro

M5PXNplus or M3000PXNplus

1. Insert the PXNplus CPU board into the slot from which you removed it.
2. Reconnect any cables removed during the section *Shutting down the micro* on page 1.

3. Apply power.
4. Continue with *Configuring using the Integrated Configuration Tool*.

M2000PXNplus

Apply power and then continue with the next section.

Configuring using the Integrated Configuration Tool

If this micro is already configured, use the Integrated Configuration Tool to set the dial-up parameters. See the *Integrated Configuration Tool* section in your micro's Installation Manual for more instructions.

Technical support

Toll-free: 888.GESECURity (888.437.3287 in the US, including Alaska and Hawaii; Puerto Rico; Canada).
Outside the toll-free area: Contact your local dealer.

www.gesecurity.com