Neptune/Pluto N270 XPe Software Development Kit Quick Start Guide

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Thank you for purchasing the Neptune/Pluto Windows XPembedded Software Development Kit. This kit provides you with all the tools required for creating Windows XPe based platform images for your Neptune/Pluto single board computer.

This Development Kit contains Diamond Systems' Neptune/Pluto Windows XPe Software Development Kit CD.

Follow the steps below to begin your development.

1. Using the Microsoft Embedded Evaluation software that can be downloaded from http://www.microsoft.com/download/en/details.aspx?id=14947, install the Windows Embedded Standard software. The images developed with this package will be trial version and can be run for 120 days.

     NOTE: Please make sure that all the service packs and product rollups are installed before you start any development.

2. Once the development environment is setup, insert the Diamond Systems' N270 Windows XPe Software Development Kit CD and open the documentation for the BSP development on the CD: N270SBC_XPe_BSP_Manual-1.0.pdf.

    This document contains all of the required information about the files which need to be installed for the development process.

3. The files provided are

    a. Intel_N270.slx

    b. devices_Intel_N270.sld

    c. devices_Intel_N270.pmq

4. Once the above mentioned BSP related applications are installed, you are ready to start your development with the BSP. For more information, please refer to the BSP document mentioned in Step 2 above.

5. When the above mentioned files are used with the Windows XPe toolkit, you can create demo images. Please refer to Microsoft license agreements on how to convert the demo images into licensed images.

6. Diamond Systems provides a ready to run XPe image on 1GB flash disk (for Neptune boards) or a 2GB Compact Flash (for Pluto boards) for quick validation and usage on your hardware. To run the image provided by Diamond Systems:
   - Install the 1GB flash-disk or the 2 GB Compact Flash provided in this Development Kit on the N270 SBC.
   - Boot from the flash-disk or the compact flash.
   - The image will boot.

   NOTE: Please note that this is a licensed copy of the XPe image for Diamond Systems. To create more images and distribute, you will have to obtain your own XPe toolkit and runtime licenses. This image is not meant to be distributed by anyone except Diamond.

7. For additional assistance, please visit Diamond System's Technical Support website at www.diamondsystems.com/support.

   Further documentation and help is available on-line at Microsoft's website and other websites.