

# **XTX-PNV**

Intel Pineview XTX Module

## **Quick Installation Guide**



1<sup>st</sup> Ed – 9 November 2010

Part No. E2017275400R

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# 1. Getting Started

## 1.1 Safety Precautions

### Warning!



Always completely disconnect the power cord from your chassis whenever you work with the hardware. Do not make connections while the power is on. Sensitive electronic components can be damaged by sudden power surges. Only experienced electronics personnel should open the PC chassis.

### Caution!



Always ground yourself to remove any static charge before touching the CPU card. Modern electronic devices are very sensitive to static electric charges. As a safety precaution, use a grounding wrist strap at all times. Place all electronic components in a static-dissipative surface or static-shielded bag when they are not in the chassis.

## 1.2 Packing List

Before you begin installing your single board, please make sure that the following materials have been shipped:

- 1 x XTX-PNV Intel Pineview XTX Module
- 1 x Quick Installation Guide
- 1 x DVD-ROM contains the followings:
  - User's Manual (this manual in PDF file)
  - Ethernet driver and utilities
  - VGA drivers and utilities
  - Audio drivers and utilities



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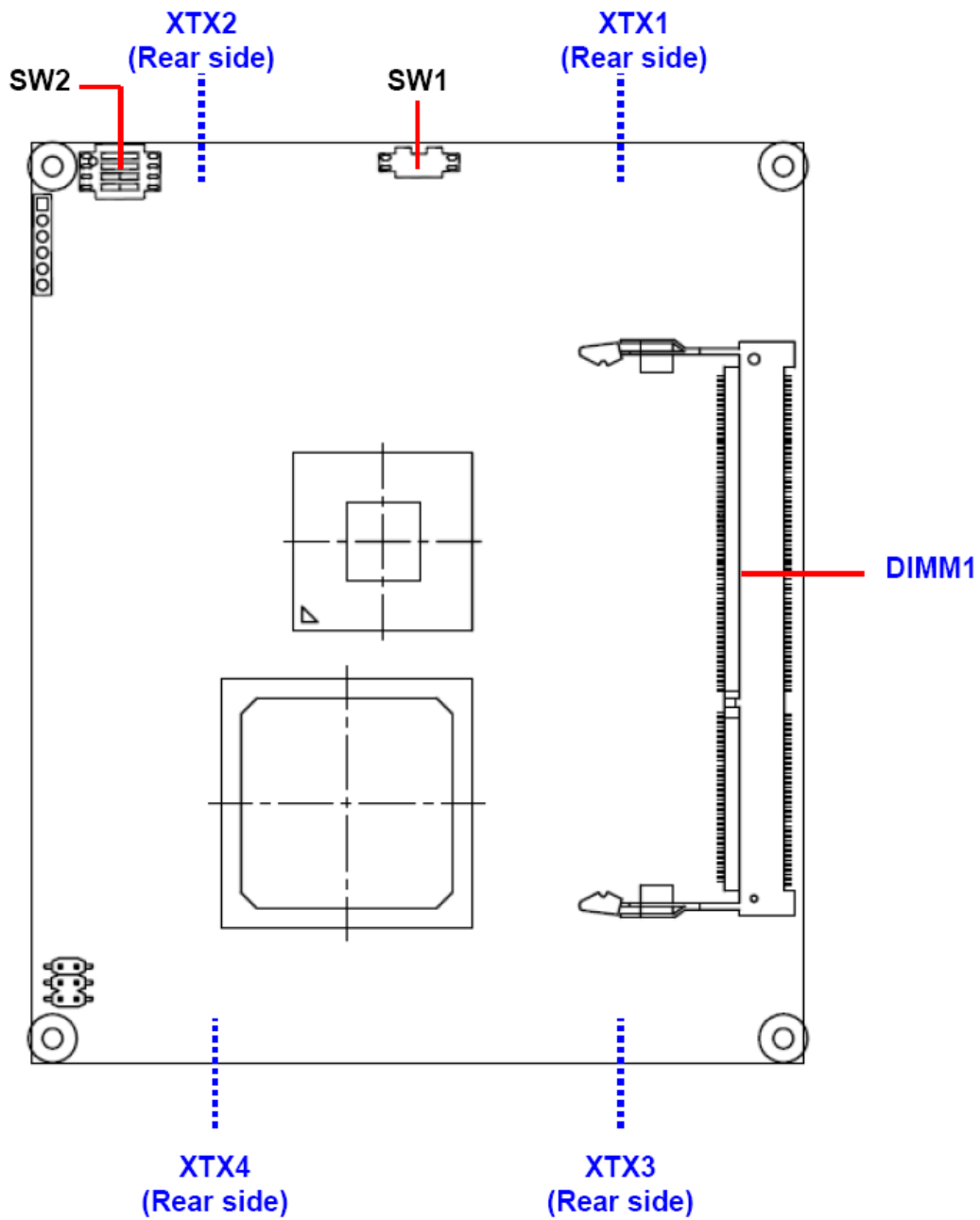
If any of the above items is damaged or missing, contact your retailer.

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## 2. Hardware Configuration

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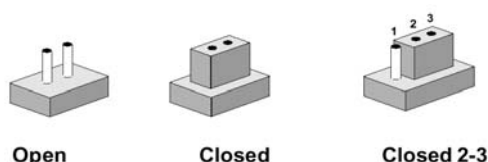
## 2.1 Product Overview



## 2.2 Jumper and Connector List

You can configure your board to match the needs of your application by setting jumpers. A jumper is the simplest kind of electric switch.

It consists of two metal pins and a small metal clip (often protected by a plastic cover) that slides over the pins to connect them. To “close” a jumper you connect the pins with the clip. To “open” a jumper you remove the clip. Sometimes a jumper will have three pins, labeled 1, 2, and 3. In this case, you would connect either two pins.



The jumper settings are schematically depicted in this manual as follows:



A pair of needle-nose pliers may be helpful when working with jumpers.

Connectors on the board are linked to external devices such as hard disk drives, a keyboard, or floppy drives. In addition, the board has a number of jumpers that allow you to configure your system to suit your application.

If you have any doubts about the best hardware configuration for your application, contact your local distributor or sales representative before you make any changes.

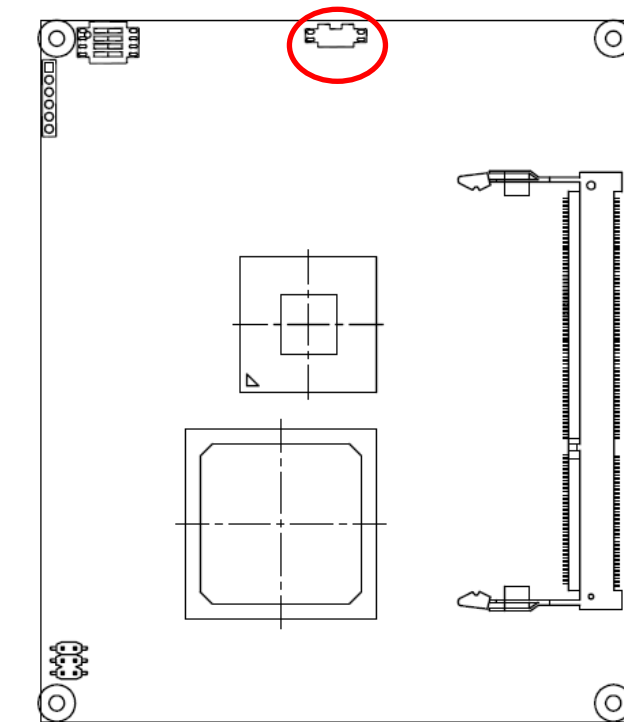
The following tables list the function of each of the board's jumpers and connectors.

### Connectors

Label	Function	Note
<b>SW1</b>	AT/ATX mode/ AT/ATX power select	
<b>SW2</b>	Bypass / scaler Mode selection for LCD mode PIN	
<b>XTX1</b>	XTX connector 1	
<b>XTX2</b>	XTX connector 2	
<b>XTX3</b>	XTX connector 3	
<b>XTX4</b>	XTX connector 4	
<b>DIMM1</b>	204-pin DDR3 SDRAM DIMM socket	

## 2.3 Setting Jumpers & Connectors

### 2.3.1 AT/ATX mode/ AT/ATX power selection (SW1)



\*Default



#### AT/ATX Power

##### AT power

OFF	1			ON
	2		⇒	

##### ATX power\*

OFF	1			ON
	2	⇐		

#### AT/ATX mode

##### AT mode

OFF	1		⇒	ON
	2			

##### ATX mode\*

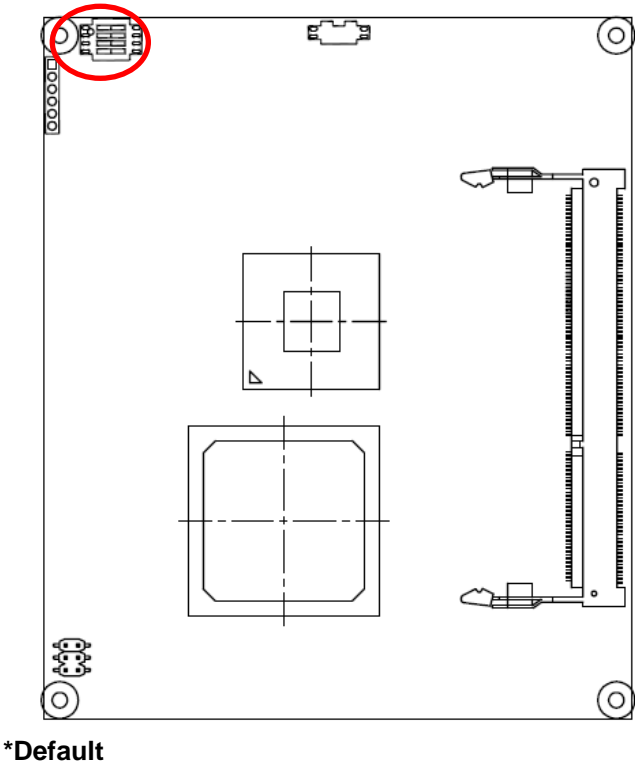
OFF	1	⇐		ON
	2			

#### 2.3.1.1 Signal Description –AT/ATX mode/ AT/ATX power selection

AT/ATX power / AT/ATX mode	Description
AT mode/ AT power 	Use AT power input, and set the board in AT mode.
AT mode/ ATX power 	Use ATX power input, and set the board in AT mode.
ATX mode/ AT power 	Use AT power input, and set the board in ATX mode.
ATX mode/ ATX power 	Use ATX power input, and set the board in ATX mode.

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2.3.2 Bypass / scaler Mode selection for LCD Mode (SW2)



Bypass Mode selection

	X	X	4	
ON		⇒	3	OFF
		⇒	2	
		⇒	1	

Scaler Mode selection

	X	X	4	
ON		⇒	3	OFF
	⇐		2	
		⇒	1	

Scaler Mode selection\*

	X	X	4	
ON	⇐		3	OFF
		⇒	2	
		⇒	1	

2.3.2.1 Signal description- Bypass / scaler Mode selection

Bypass / scaler enable	Description
<p>Bypass Mode is enabled</p>	Enable 1 LCD/48bit
<p>Scaler Mode is enabled</p>	Enable 2 LCD/24bit
<p>Scaler Mode is enabled</p>	Enable 2 LCD/18bit

