MPX-3132

User's Manual

Edition 1.11
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Any questions please visit our website at http://www.commell.com.tw

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1. <Product Specification & Packing List>

General Specification	
Form Factor	MiniPCIe Card
Controller	Silicon Image Sil3132
Serial ATA Interface	2 x serial ATAII interface with 300MB/s transfer rate (Support RAID function)
Dimension	30mm x 50.95mm

The specifications may be different as the actual production.
For further product information please visit the website at http://www.commell.com.tw.

Packing List:

Hardware:

MPX-3132 SATAII PCIe mini card x 1

Cable Kit:

**DF14 10-Pin for SATA Cable x 2
(OALSATA7-H10)/ (1040123)**

2. <Mechanical Drawing>

3. <Component Placement & Pin assignment>
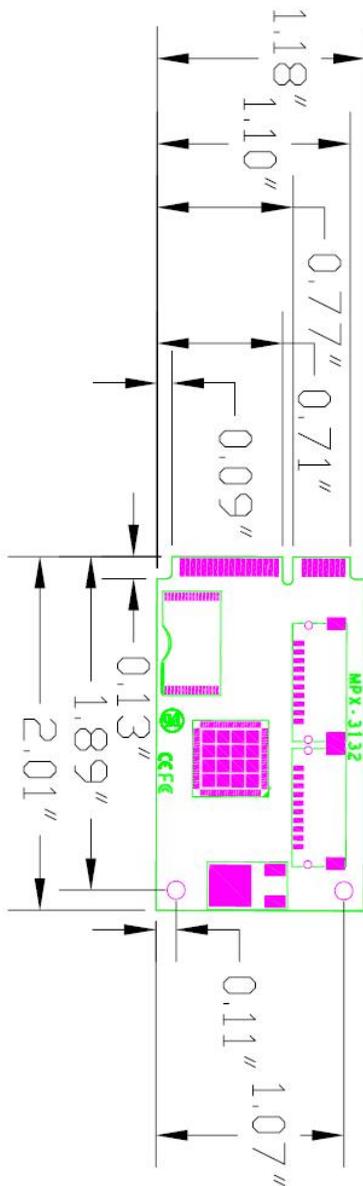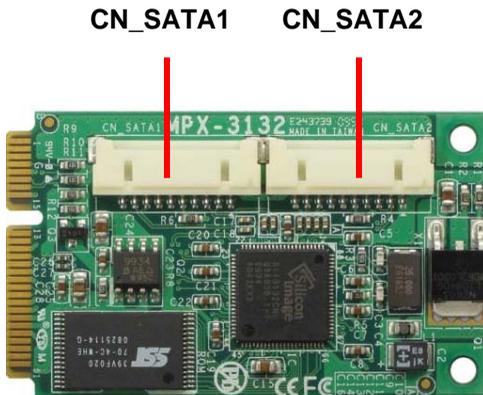
CN_SATA1   **CN_SATA2**

Connector: CN_SATA1/2
Type: DF14 10-pin pitch=1.25mm

1   10
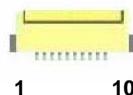
Pin	Description	Pin	Description
1	GND	2	TXP0/1
3	TXN0/1	4	GND
5	SATA_LED0/1	6	SATA_LED0#/1#
7	GND	8	RXN0/1
9	RXP0/1	10	GND

4. <BIOS Configuration>

Attention! This setting is only relatively new motherboard needs!

Models are as follows

ATX: AS-C74, AS-C76

Micro ATX: MS-C73, MS-C75

Mini ITX: LV-67F, LV-67G, LV-67H, LV-67I, LV-67J, LV-67K, LV-67L, LV-67M, LV-67N, LV-67O

3.5" : LS-378, LE-379, LE-37A, LS-37B, LE-37C, LE-37D

Pico ITX: LP-172, LP-173

Full-Size CPU Card: FS-A74, FS-A75, FS-A76, FS-A77

Half-Size CPU Card: HS-773, HS-774, HS-B70, HE-B71

1. In paged menu "Advanced" and enter "South Bridge Configuration".
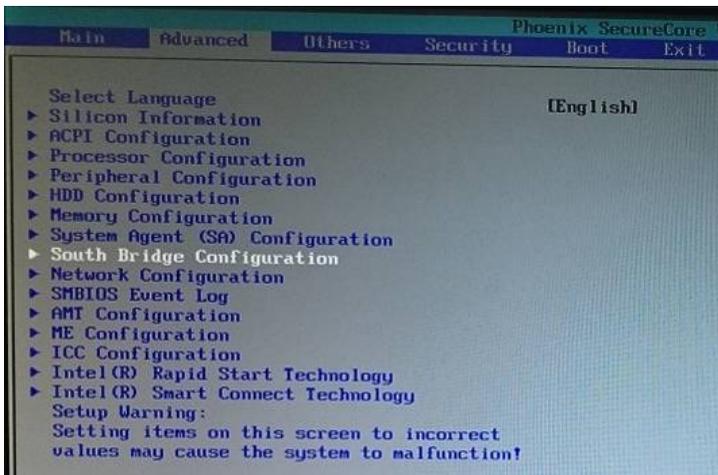
2. Entering "SB PCI Express Config".
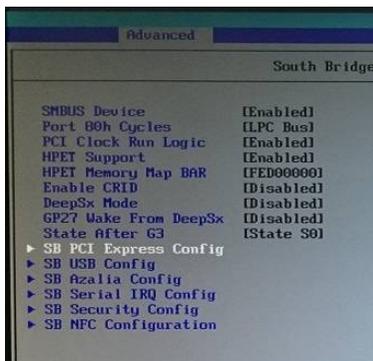
3. Here it must be based on different boards to set the PCIe speed to "GEN1".
   So that it can detect the Mini Card.

AS-C74: PCIe7   AS-C76: PCIe7
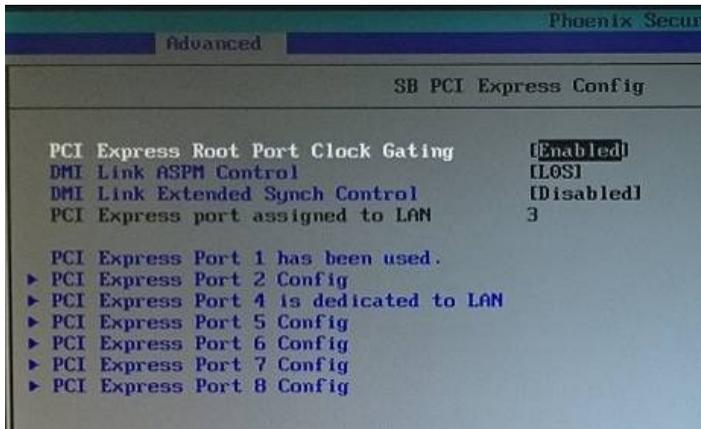
MS-C73: PCIe3   MS-C75: PCIe3

LV-67F: PCIe3   LV-67G: PCIe7

LV-67H: Card1: PCIe3, Card2: PCIe5   LV-67I: PCIe3

LV-67J: PCIe7   LV-67K: Card1: PCIe3, Card2: PCIe5

LV-67L: Card1: PCIe3, Card2: PCIe5   LV-67M: Card1: PCIe5, Card2: PCIe7

LV-67N: Card1: PCIe7, Card2: PCIe6   LV-67O: PCIe4

LS-378: Card1: PCIe3, Card2: PCIe5   LE-379: PCIe3

LE-37A: Card1: PCIe3, Card2: PCIe5   LS-37B: Card1: PCIe3, Card2: PCIe5

LE-37C: Card1: PCIe5, Card2: PCIe7   LE-37D: Card1: PCIe4, Card2: PCIe3

LP-172: PCIe3   LP-173: PCIe2

FS-A74: Card1: PCIe7, Card2: PCIe8   FS-A75: Card1: PCIe7, Card2: PCIe8

FS-A76: Card1: PCIe7, Card2: PCIe8   FS-A77: PCIe4

HS-773: Card1: PCIe5, Card2: PCIe7   HS-774: Card1: PCIe5, Card2: PCIe7

HS-B70: PCIe3   HE-B71: PCIe2

5. <Install the operating system >

1. When you enter the partition screen, you will find no detect hard drive.
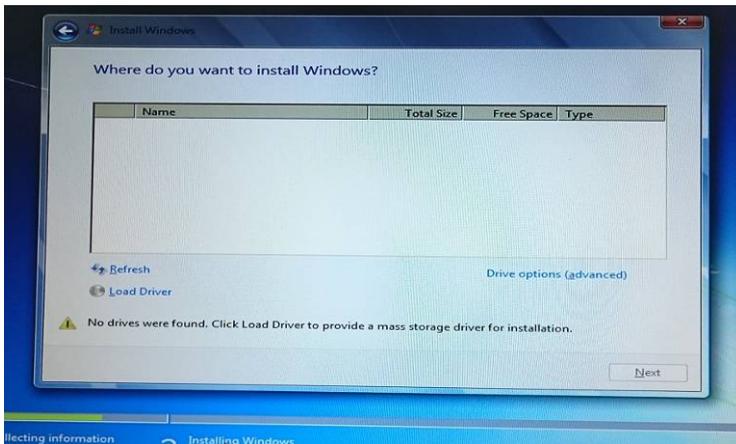
2. You need to click the "Load Driver" and plug in your flash drive (which have a MPX-3132's driver).
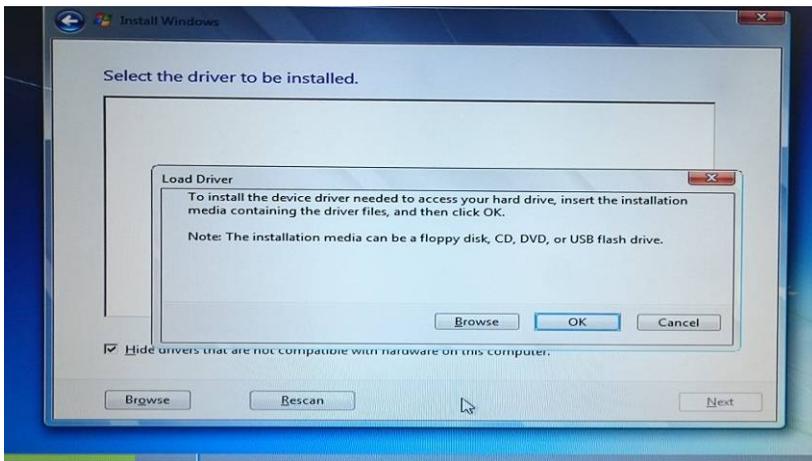
Note: If you want to install the Windows XP, you need a floppy disk to load the driver.

3. Click "Browse" and find your flash drive, choose your system type then click "OK".

Install Windows

elect the driver to be installed.

Browse for Folder

Browse to the driver(s), and then click OK

- Computer
  - Removable Disk (C:)
    - 3132r5_x64_15190_logo_win7
    - 3132r5_x86_15190_logo_win7
  - Boot (X:)

Hide drivers that

| OK | Cancel |

Browse   Rescan   N
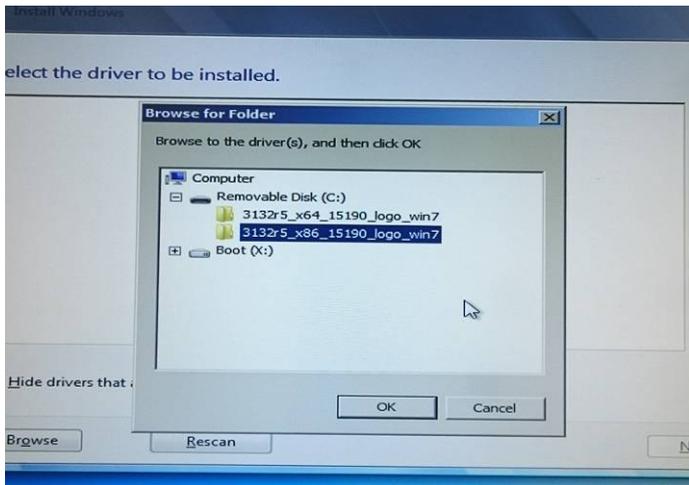
4. Finally, the hard disk will show up.

Install Windows

Where do you want to install Windows?

Name	Total Size	Free Space	Type
Disk 1 Unallocated Space	74.5 GB	74.5 GB	

Refresh   Delete   Format   New
Load Driver   Extend

⚠ Windows cannot be installed to this disk. (Show details)

Next
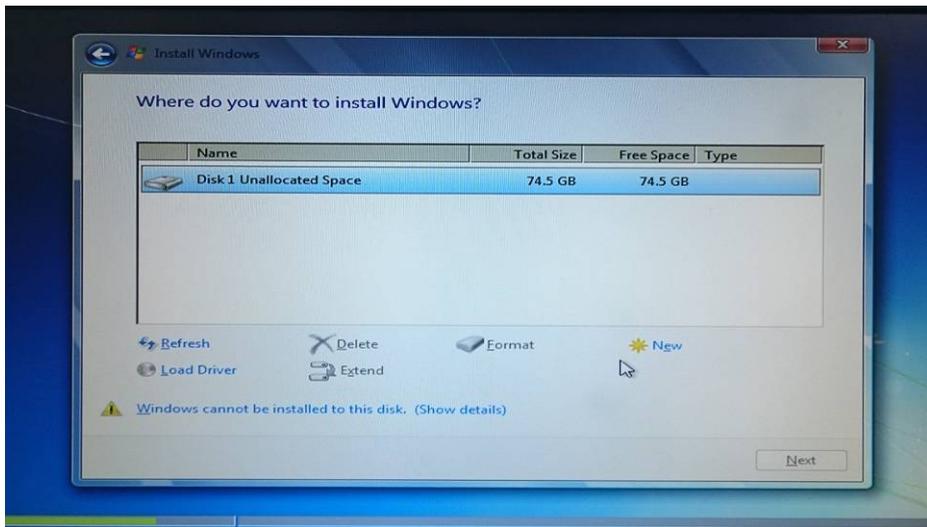
6. <SATA RAID Configuration>

This MiniCard only supports the following configurations:

RAID 0 (Stripping): Two hard drives operating as one drive for optimized data R/W performance. It needs two unused drives to build this operation.

RAID 1 (Mirroring): Copies the data from first drive to second drive for data security, and if one drive fails, the system would access the applications to the workable drive. It needs two unused drives or one used and one unused drive to build this operation. The second drive must be the same or lager size than first one.

For more information of Silicon Image Technology, please visit silicon Image website.

At boot time, press <Ctrl + S> or <F4> to enter the RAID configuration menu
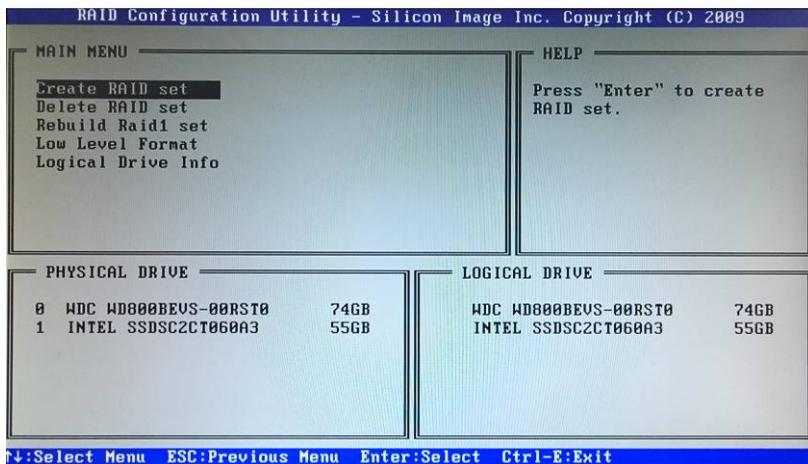
Contact Information

Any advice or comment about our products and service, or anything we can help you please don't hesitate to contact with us. We will do our best to support you for your products, projects and business.

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