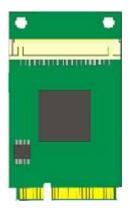
MPX-750

User's Manual

Edition 1.21 2025/01/07



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Packing List:

Hardware:

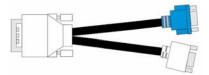
MPX-750 Mini PCI-E Graphics Card x1

Cable kit:

Cable:



One 10-pin DF14 Cable with DVI Module (OALDVI-DF14 + BADPDVIP)



DVI VGA Cable x 1 (Optional) (OALDVIVGA)

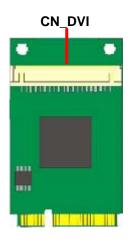


DVI to VGA Adapter x 1 (Optional) (OALDVIVGAX)

1.0 <Product Specification>

| General Specification | | |
|-----------------------|--|--|
| Form Factor | PCI Express mini card | |
| Controller | Silicon Motion SM750 chip | |
| Accessories | One 10-pin DF14 to 26 pin-header Cable with DVI Module | |
| | One DVI to DVI-I (VGA & DVI) Cable (Option) | |
| Resolution | 1920x1080-16bpp for dual mode display | |
| | 1920x1080-32bpp for clone mode display | |
| Video Memory | 16MB DDR SDRAM | |
| OS Support | Windows XP | |
| Dimensions (L x W) | 30.00mm x 50.95mm | |

1.1 <Component Placement>



1.2 <Connector Reference>

Connector: CN_DVI

Type: DF14 10-pin pitch=1.25mm



| Pin | Description | Pin | Description |
|-----|-------------|-----|--------------------|
| 1 | TDC_1+ | 2 | TDC_1- |
| 3 | TDC_+ | 4 | TDC |
| 5 | TDC_0+ | 6 | TDC_0- |
| 7 | TDC_2+ | 8 | TDC_2- |
| 9 | PVDD (+5V) | 10 | DVI_DHP (Hot Plug) |
| 11 | GND | 12 | DDCDAT |
| 13 | DDCCLK | 14 | GND |
| 15 | CRT_R | 16 | CRT_G |
| 17 | CRT_B | 18 | CRT_HSYNC |
| 19 | CRT_VSYNC | 20 | GND |

1.4 <Driver Setting>

- 1. Copy the CD Driver folder to disk, Ex: C:\ , D:\ ...
- 2. Please select file location D:\MPX-750\V6_13_1_32,

Please choose Setup.exe



3. Please click "Next".



MPX-750 User's Manual

4. Please click "Next".

| elect Destination Location | |
|------------------------------------|--|
| Where should Silicon Motion Graph | ics Driver be installed? |
| Setup will install Silicon M | otion Graphics Driver into the following folder. |
| To continue, click Next. If you wo | uld like to select a different folder, click Browse. |
| C:\Program Files\Silicon Motion G | raphics Driver Browse |
| | |
| | |
| | |
| | |
| | |
| | |
| At least 1.4 MB of free disk space | is required. |

5. Please click "Next".

| Setup - Silico | n Motion Graphic | s Driver | | |
|--------------------------------|---|---------------------------|------------------------|-----------|
| Select Start M Where should | enu Folder d Setup place the prog | gram's shortcuts? | | Ser la |
| Setu | up will create the prog | ram's shortcuts in the | following Start Men | u folder. |
| To continue, | click Next. If you wou | ld like to select a diffe | rent folder, click Bro | wse. |
| Silicon Motio | n Control Panel | | Br | owse |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | < Back | Next > | Cancel |

6. Please click "Install".

| eady to Install Setup is now ready to begin installing S | Silizan Making Cranking Driver on your | |
|---|---|---|
| computer. | silicon Motion Graphics Driver on your | (|
| Click Install to continue with the installa change any settings. | ation, or click Back if you want to review or | |
| Destination location: C:\Program Files\Silicon Motion Gr | raphics Driver | 1 |
| Start Menu folder: | | |
| Silicon Motion Control Panel | | |
| | | |
| | | |
| | | |
| <u>s</u> | 0 | |
| MILLION | | |
| | | |

7. Please click "Continue Anyway".



8. Please click "Finish".



9. Finish.



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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