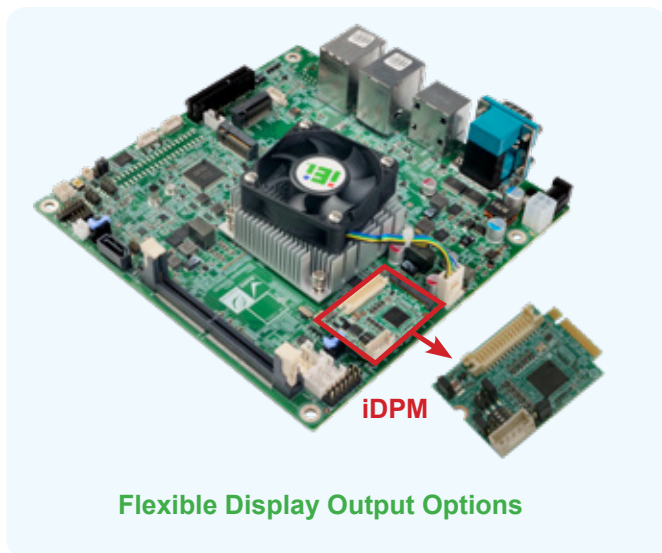


# IEI iDPM Introduction

## iDPM (IEI Internal DisplayPort Module)

The iDPM connector is provided on the IEI products. Through the IEI iDPM converter cards, the iDPM connector can support different display specifications, such as VGA, DisplayPort, and LVDS.



Flexible Display Output Options



Easy Installation in the Chassis

### iDPM Supported Models

|              |              |                  |              |               |              |
|--------------|--------------|------------------|--------------|---------------|--------------|
| KINO-ADL-P   | KINO-ADLPS   | WAFFER-EHL-x6000 | PICOe-EHL    | WAFFER-EHL2   | KINO-EHL2    |
| WAFFER-ADL-N | WAFFER-ADL-P | WAFFER-ASL       | WAFFER-TGL-U | NANO-EHL      | NANO-ADL-P   |
| HYPER-EHL    | KINO-TGL-U   | KINO-ADL-H610    | IMBA-R680    | IMBA-ADL-H610 | IMB-ADL-H610 |

## iDPM-LVDS

eDP to 24-bit Dual-channel LVDS Converter Board  
(for IEI iDPM Slot)

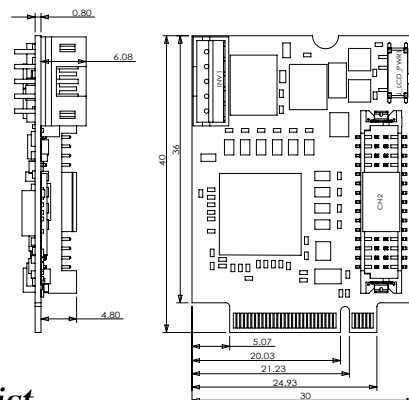
### • eDP to LVDS output



### Specifications

| Model                 | iDPM-LVDS                          |
|-----------------------|------------------------------------|
| Form Factor           | iDPM 3040 slot (IEI-defined B key) |
| Display Output        | 1 x LVDS 24-bit dual-channel       |
| Display IC            | Chrontel - CH7511B (DP to LVDS)    |
| Power                 | On board 3.3V ~ 12V                |
| Operating Temperature | 0°C ~ 60°C                         |
| Operating Humidity    | 5% ~ 95, non-condensing            |
| Dimensions (LxW)      | 40 mm x 30 mm                      |
| Safety                | CE/FCC compliant                   |

### Dimensions (mm)



### Packing List

1 x iDPM-LVDS converter module

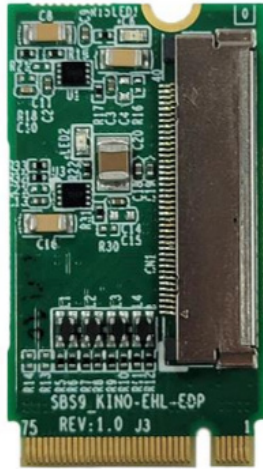
### Ordering Information

| Part No.      | Description  |
|---------------|--|
| iDPM-LVDS-R10 | eDP to 24-bit dual-channel LVDS converter board<br>(for IEI iDPM slot) |

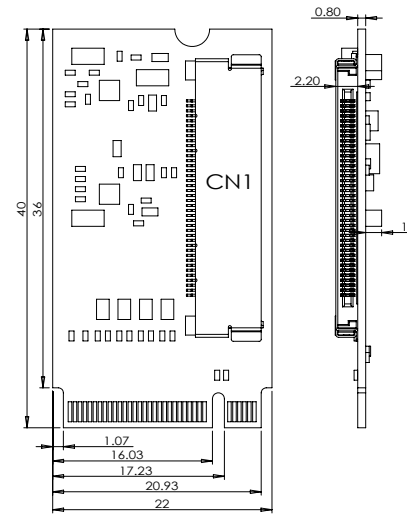
# iDPM-eDP

eDP to eDP Converter Board  
(for IEI iDPM Slot)

## • eDP to eDP output



## Dimensions (mm)



## Specifications

| Model                 | iDPM-eDP                           |
|-----------------------|------------------------------------|
| Form Factor           | iDPM 2240 slot (IEI-defined B key) |
| Internal Connector    | 1 x eDP connector (1x40 pin)       |
| Power                 | On board 3.3V ~ 12V                |
| Operating Temperature | 0°C ~ 60°C                         |
| Operating Humidity    | 5% ~ 95, non-condensing            |
| Dimensions (LxW)      | 40 mm x 30 mm                      |
| Safety                | CE/FCC compliant                   |

## Packing List

1 x iDPM-eDP converter module

## Ordering Information

| Part No.     | Description                                    |
|--------------|--|
| iDPM-eDP-R10 | eDP to eDP converter board (for IEI iDPM slot) |

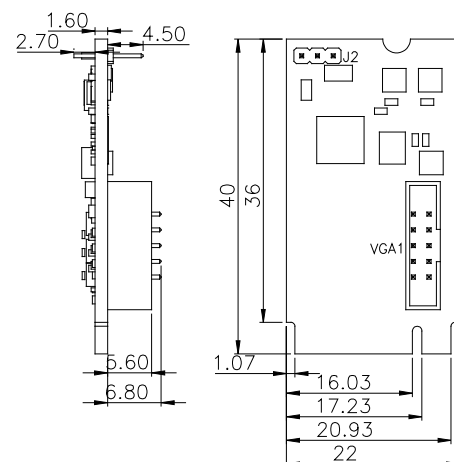
# iDPM-VGA

eDP to VGA Converter Board  
(for IEI iDPM Slot)

## • eDP to VGA output



## Dimensions (mm)



## Specifications

| Model                 | iDPM-VGA                           |
|-----------------------|------------------------------------|
| Form Factor           | iDPM 2240 slot (IEI-defined B key) |
| Display Output        | 1 x VGA pin-header                 |
| Power                 | On board 3.3V ~ 12V                |
| Operating Temperature | 0°C ~ 60°C                         |
| Operating Humidity    | 5% ~ 95, non-condensing            |
| Dimensions (LxW)      | 40mm x 22mm                        |
| Safety                | CE/FCC compliant                   |

## Packing List

1 x iDPM-VGA converter module

1 x VGA Cable

## Ordering Information

| Part No.     | Description                                    |
|--------------|--|
| iDPM-VGA-R10 | eDP to VGA converter board (for IEI iDPM slot) |

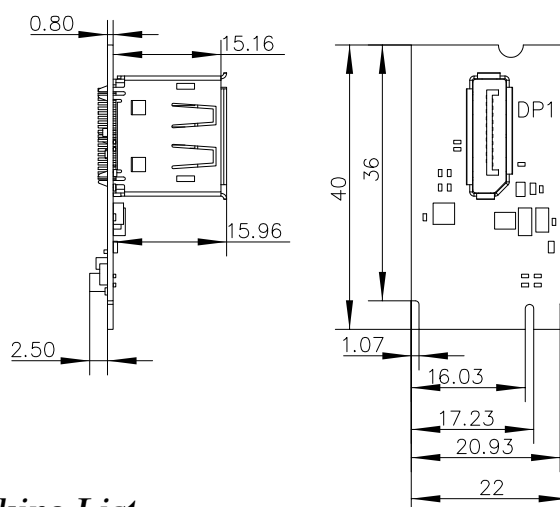
# iDPM-DP

DisplayPort extension board (For iDPM connector),  
RoHs

- DisplayPort output
- Resolution support up to DP1.4 4K 60Hz (Max: 4096 \* 2304)



## Dimensions (mm)



## Specifications

| Model                 | iDPM-DP                            |
|-----------------------|------------------------------------|
| Form Factor           | iDPM 2240 slot (IEI-defined B key) |
| Internal Connector    | 1 x DP connector                   |
| Power                 | On board 3.3V ~ 12V                |
| Operating Temperature | 0°C ~ 60°C                         |
| Operating Humidity    | 5% ~ 95, non-condensing            |
| Dimensions (LxW)      | 22 mm x 40 mm                      |
| Safety                | CE/FCC compliant                   |

## Packing List

- 1 x iDPM-DP extension board
- 1 x QIG

## Ordering Information

| Part No.    | Description  |
|-------------|--|
| iDPM-DP-R10 | DisplayPort extension board (For iDPM connector), RoHs |

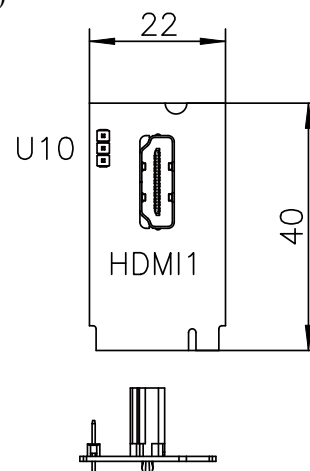
# iDPM-HDM

HDMI converter board  
(For iDPM connector), RoHs

- HDMI output
- Resolution support up to HDMI1.4b 4K@30Hz



## Dimensions (mm)



## Specifications

| Model                 | iDPM-HDM                           |
|-----------------------|------------------------------------|
| Form Factor           | iDPM 2240 slot (IEI-defined B key) |
| Display output        | 1 x HDMI connector                 |
| CHIP                  | CH7525A-BF-Fw1.8.10 (CHRONTEL)     |
| Operating Temperature | 0°C ~ 60°C                         |
| Storage Temperature   | -30°C ~ 70°C                       |
| Humidity              | 5% ~ 95 non-condensing             |
| Dimensions            | 40 mm x 22 mm                      |
| Safety                | CE/FCC compliant                   |

## Packing List

- 1 x iDPM-HDM extension board
- 1 x QIG

## Ordering Information

| Part No.                 | Description                                     |
|--------------------------|---|
| iDPM-HDM-R10             | HDMI extension board (For iDPM connector), RoHs |
| 19XM0SK35-0004001-000-RS | HDMI Cable with bracket, 200mm                  |