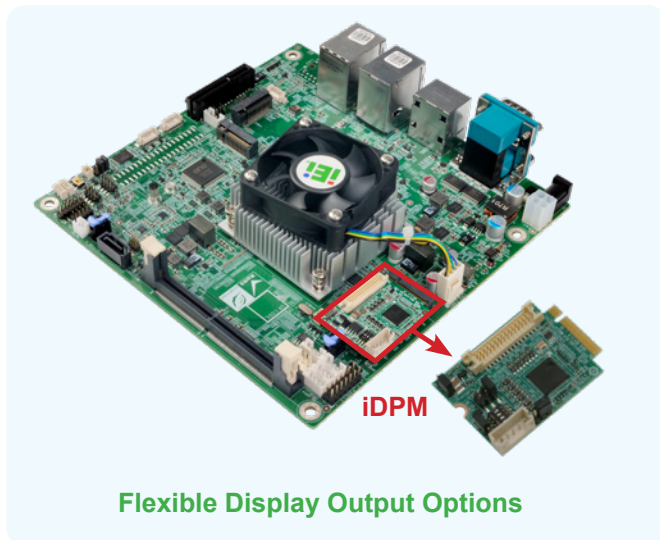


# IEI iDPM Introduction

## 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



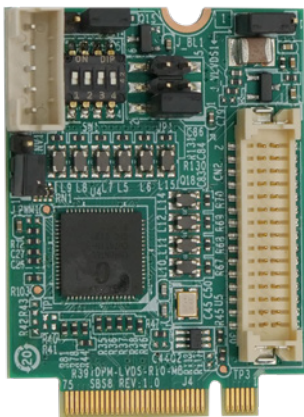
Easy Installation in the Chassis

### iDPM Supported Models

IMBA-R680	KINO-ADL-P	KINO-EHL-J6412
KINO-TGL	WAFER-EHL	WAFER-TGL

## iDPM-LVDS

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



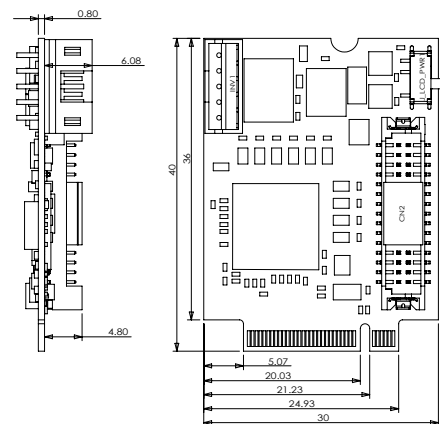
### Features

- eDP to LVDS output

### Specifications

- ◆ 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  
40 mm x 30 mm
- ◆ Safety:  
CE/FCC compliant

### Dimensions (mm)



### Packing List

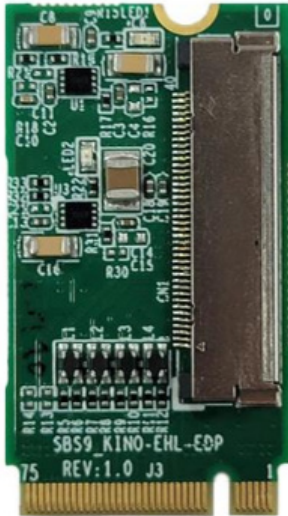
1 x iDPM-LVDS converter module

### Ordering Information

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

# iDPM-eDP

eDP to eDP Converter Board  
(for IEI iDPM Slot)



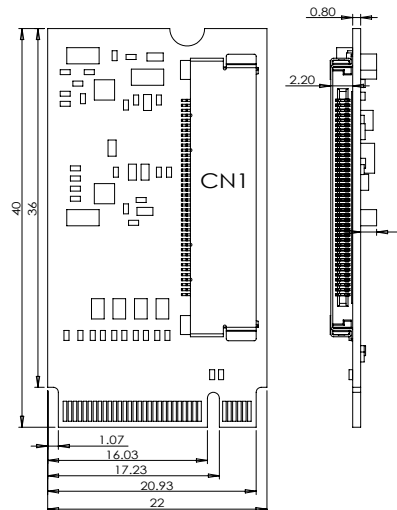
## Features

- eDP to eDP output

## Specifications

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

## Dimensions (mm)



## 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)



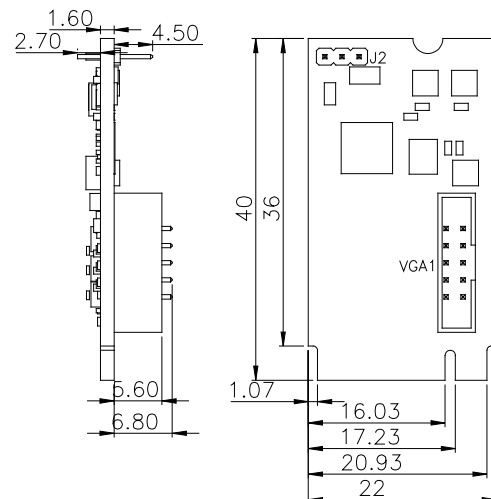
## Features

- eDP to VGA output

## Specifications

- ◆ 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

## Dimensions (mm)



## 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

**NEW**



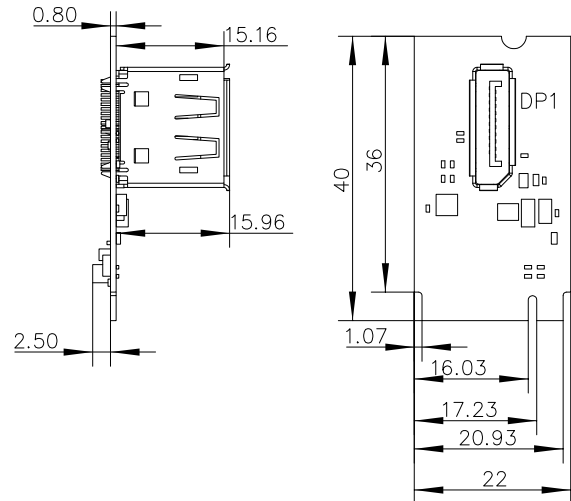
## Features

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

## Specifications

- ◆ 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  
22 mm x 40 mm
- ◆ Safety  
CE/FCC compliant

## Dimensions (mm)



## Packing List

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

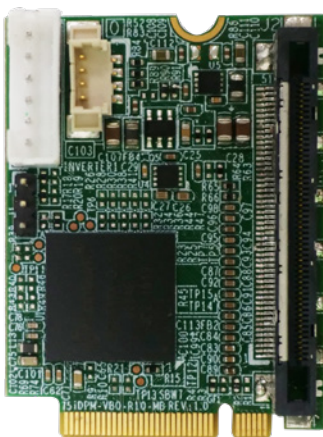
## Ordering Information

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

# iDPM-VBO

DisplayPort extension board (For iDPM connector), RoHs

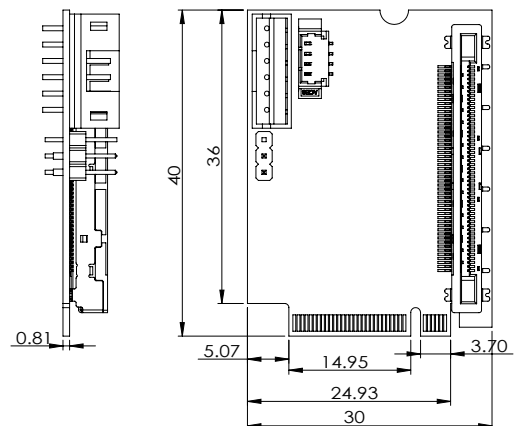
**NEW**



## Specifications

- ◆ Form Factor  
iDPM 3040 slot (IEI-defined B key)
- ◆ Internal Connector  
1 x 52 pin V-BY-ONE header
- ◆ Power  
On board 3.3V ~ 12V
- ◆ Operating Temperature  
0°C ~ 60°C
- ◆ Operating Humidity  
5% ~ 95%, non-condensing
- ◆ Dimensions  
30 mm x 40 mm
- ◆ Safety  
CE/FCC compliant

## Dimensions (mm)



## Packing List

- 1 x iDPM-VBO converter module
- 1 x QIG

## Ordering Information

Part No.	Description
iDPM-VBO-R10	DisplayPort to V-BY-ONE Connector converter board (For IEI Display Module)