

**eDP to eDP Converter Board
(for IEI Display Module Slot)
RoHS**

iDPM-eDP-R10
Quick Installation Guide
Version 1.0

April 15, 2022

Package Contents

iDPM-eDP-R10 package includes the following items:

- 1 x iDPM-eDP converter board
- 1 x QIG (Quick Installation Guide)



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Features:

- DisplayPort to DisplayPort output
- Small and light, easy to install

Specifications:

- **Form Factor:**
M.2 2240/3040 B key
- **Internal Connector:**
1 x eDP connector (40-pin header)
- **Power:**
On-board 3.3V ~ 12V
- **Compatible OS:**
Windows XP/Server 2003/ Server 2008/ Vista/ 7 /8.1/10
Linux kernel version 2.6.32 or latter
- **Operating Temperature:**
0°C ~ 60°C
- **Operating Humidity:**
5% ~ 95%, non-condensing
- **Dimensions (LxW):**
40 mm x 22 mm

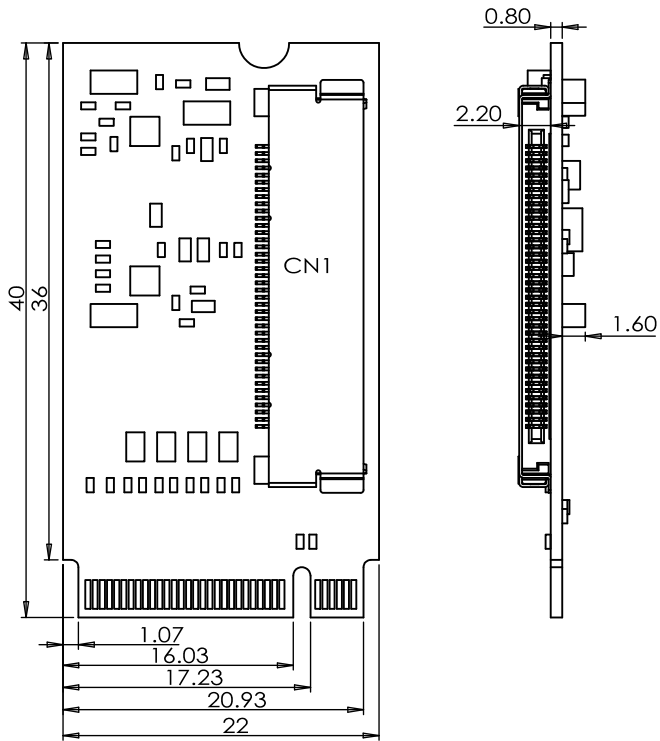
Ordering Information

- **iDPM-eDP-R10:** eDP to eDP converter board (for IEI Display Module Slot), RoHS

Connector Pinouts

CN1 : eDP Connector			
PIN NO.	DESCRIPTION	PIN NO.	DESCRIPTION
1	NC	21	+3.3V
2	GND	22	NC
3	EDP_TX3_DN	23	GND
4	EDP_TX3_DP	24	GND
5	GND	25	GND
6	EDP_TX2_DN	26	GND
7	EDP_TX2_DP	27	EDP1_HPDP
8	GND	28	GND
9	EDP_TX1_DN	29	GND
10	EDP_TX1_DP	30	GND
11	GND	31	GND
12	EDP_TX0_DN	32	EDP1_BKLT_EN
13	EDP_TX0_DP	33	EDP1_BRIGHTNESS
14	GND	34	NC
15	AUX_DP_eDP	35	NC
16	AUX_DN_eDP	36	+VCC_EDP_BKLT
17	GND	37	+VCC_EDP_BKLT
18	+3.3V	38	+VCC_EDP_BKLT
19	+3.3V	39	+VCC_EDP_BKLT
20	+3.3V	40	NC

Board Layout and Connector Location



(Unit:mm)