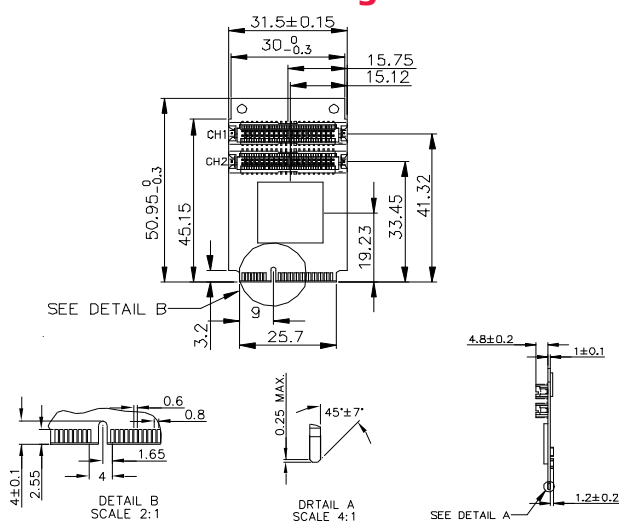


CN1(40DP-1.25), VGA X 2

CN2 (40DP-1.25)
HDMI or DVI-D**Features**

- VGA Output up to 1920x1440. up to 75Hz vertical rate.
- HDMI up to 1080P, Ultra low power consumption.
- Allow for 90°, 180°, and 270° rotation of on-screen images.
- DVI-D Single Link up to 1080P.
- 30μ" golden finger, 3 years warranty.
- Industrial design. Manufactured in innodisk Taiwan.

Mechanical Drawing

HDMI or DVI-D Single Link (CN2)

Signal	Pin	Pin	Signal
+5V	2	1	+3.3V
+5V	4	3	+3.3V
	6	5	
GND	8	7	GND
TMDS_D0+	10	9	TMDS_D1+
TMDS_D0-	12	11	TMDS_D1-
GND	14	13	GND
TMDS_D2+	16	15	
TMDS_D2-	18	17	
GND	20	19	GND
	22	21	
	24	23	
GND	26	25	GND
	28	27	DDC_SCL
	30	29	DDC_SDA
GND	32	31	GND
TMDS_CK+	34	33	CEC
TMDS_CK-	36	35	HPD
GND	38	37	GND
	40	39	

Dual VGA(CN1)

Signal	Pin	Pin	Signal
+5V	2	1	3.3V
+5V	4	3	3.3V
	6	5	
GND	8	7	GND
R_1	10	9	B_1
G_1	12	11	
GND	14	13	GND
H_Sync_1	16	15	DDC_SCL_1
V_Sync_1	18	17	DDC_SDA_1
GND	20	19	GND
R_0	22	21	B_0
G_0	24	23	
GND	26	25	GND
H_Sync_0	28	27	DDC_SCL_0
V_Sync_0	30	29	DDC_SDA_0
GND	32	31	GND
	34	33	
	36	35	
GND	38	37	GND
	40	39	

Specifications**Headquarters (Taiwan)**

5F., No.237, Sec. 1, Datong Rd.,
Xizhi Dist., New Taipei City 221,
Taiwan

Tel: +886-2-7703-3000
Email: sales@innodisk.com

Branch Offices:**USA**

usasales@innodisk.com
+1-510-770-9421

Europe

eusales@innodisk.com
+31-40-3045-400

Japan

jpsales@innodisk.com
+81-3-6667-0161

China

sales_cn@innodisk.com
+86-755-2167-3689

www.innodisk.com

© 2022 Innodisk Corporation.
All right reserved. Specifications
are subject to change without
prior notice.

October 15, 2024

Form-Factor	mini PCIe
Input I/F	PCI Express 1.0
Output I/F	VGA x 2, HDMI x 1, DVI-D Single Link x 1 (Alternative)
Output Connector	40pin 1.25mm x 2(40DP-1.25)
TDP	1.98W(3.3V x 600mA)
Dimension (WxLxH)	50.95 x 31.5 x 7 mm
Temperature	Operation: STD: 0°C ~ +70°C Storage: -55°C ~ +95°C
Environment	Vibration: 5G @7~2000Hz, Shock: 50G @ 0.5ms
Notes	OS Support : Windows XP (32 bit), Windows 7/8/8.1/10 (32/64 bit), Linux Ubuntu 12.04-16.04(32/64bit), Linux Fedora 17- 21(32/64bit), Linux CentOS/Redhat 6.5 (32/64bit)-7.2(64bit) Different CN2 cable for HDMI or DVI-D(Alternative). VBIOS: Default support Legacy BIOS and UEFI Please download driver from Myinnodisk website.
Limitations	Linux: Up to Kernel 4.15

Order information**EMPV-1201-C1(Standard Temp.)**

mPCIe to dual VGA & HDMI(DVI-D Single Link) module

7W9000000081 30cm Dual VGA Cable

7W9000000020 30cm HDMI Cable

7W9000000041 25cm DVI Cable