MPX-24794G

User's Manual

Edition 1.0
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Packing List:

Hardware:

MPX-24794G Mini PCI Express GPIO Card x1

Option Cable:

**1 x 4 DF14
to 1 x 4 P=2.54 HSG
(OALUSB-H4)**

**1 x 4 DF14 to USB
(OALUSB-H4-1)**

CD Content:

Drivers & User's Manual

1.0 <Product Specification>

General Specification	
Form Factor	PCI Express mini card
Controller	CYPRESS Chip
Features	USB 2.0 Compliant
	Plug and Play
	Support Programmable 32-bit GPIO
Power Requirement	+5V
OS Support	Windows XP 32bit , Windows 7 32bit
Dimensions (L x W)	51mm x 30mm

1.1 <Component Placement>
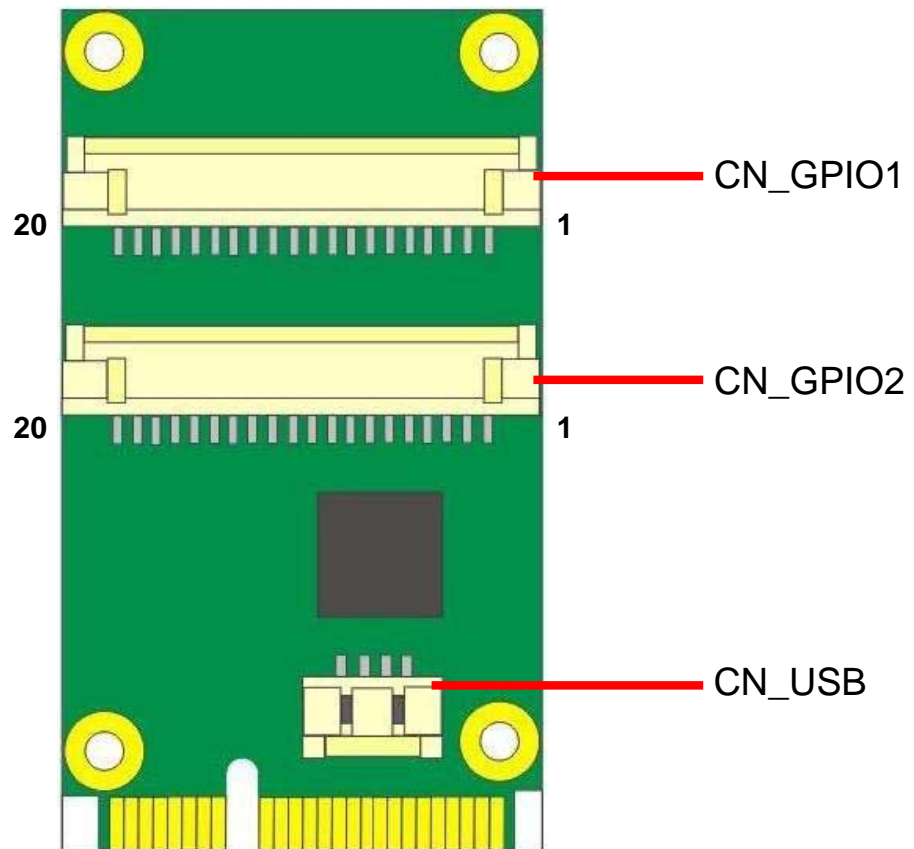
1.2 <Mechanical Drawing>

Unit: inch
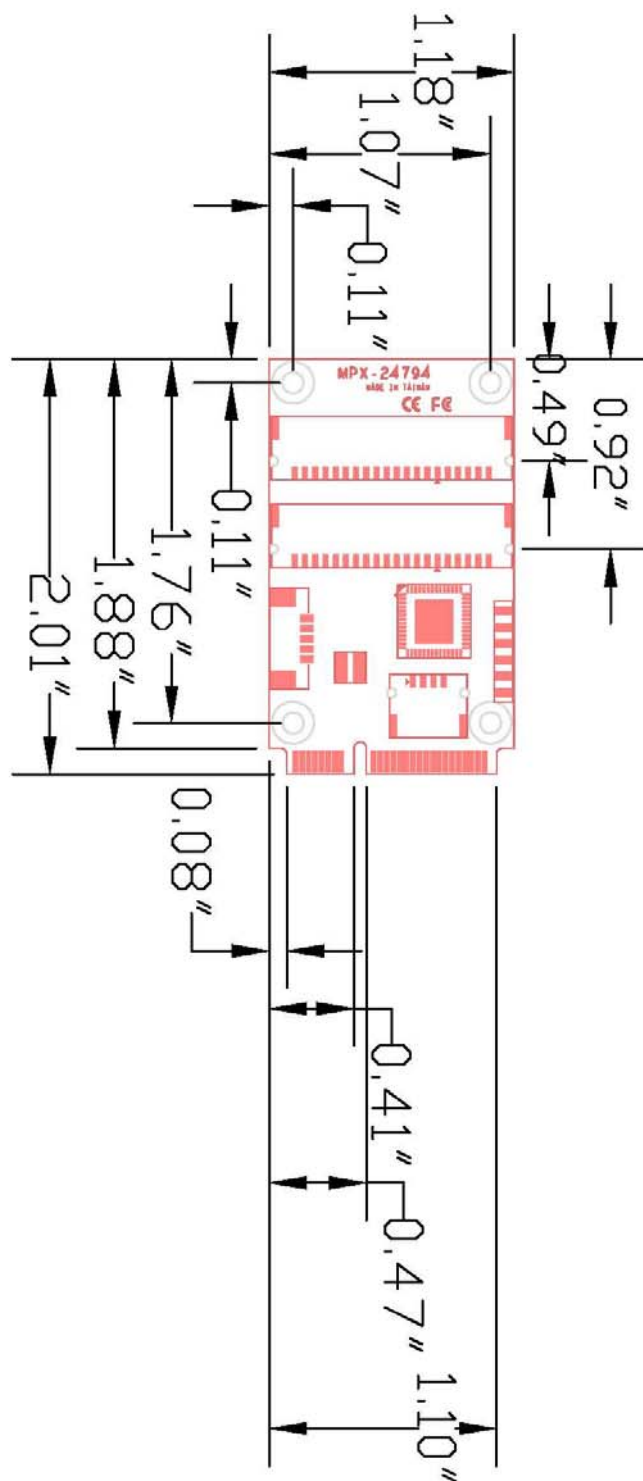
1.3 <Connector Reference>

Connector: CN_GPIO1

Type: DF14 20-pin pitch=1.25mm   20 ▯ .... ▯ 1
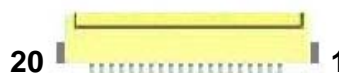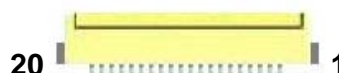
Pin	Description		Pin	Description	
1	GND		2	GND	
3	+5V		4	+5V	
5	GPIO0	P0[0]	6	GPIO1	P0[1]
7	GPIO2	P0[2]	8	GPIO3	P0[3]
9	GPIO4	P0[4]	10	GPIO5	P0[5]
11	GPIO6	P0[6]	12	GPIO7	P0[7]
13	GPIO8	P2[0]	14	GPIO9	P2[1]
15	GPIO10	P2[2]	16	GPIO11	P2[3]
17	GPIO12	P2[4]	18	GPIO13	P2[5]
19	GPIO14	P2[6]	20	GPIO15	P2[7]

Connector: CN_GPIO2

Type: DF14 20-pin pitch=1.25mm   20 ▯ .... ▯ 1

Pin	Description		Pin	Description	
1	GPIO16	P3[0]	2	GPIO17	P3[1]
3	GPIO18	P3[2]	4	GPIO19	P3[3]
5	GPIO20	P3[4]	6	GPIO21	P3[5]
7	GPIO22	P3[6]	8	GPIO23	P3[7]
9	GPIO24	P4[0]	10	GPIO25	P4[1]
11	GPIO26	P4[2]	12	GPIO27	P4[3]
13	GPIO28	P4[4]	14	GPIO29	P4[5]
15	GPIO30	P4[6]	16	GPIO31	P4[7]
17	N/C		18	N/C	
19	GND		20	GND	

Connector: CN_USB

Type: DF14 4-pin pitch=1.25mm   20 ▯ 1
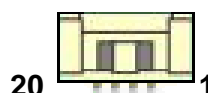
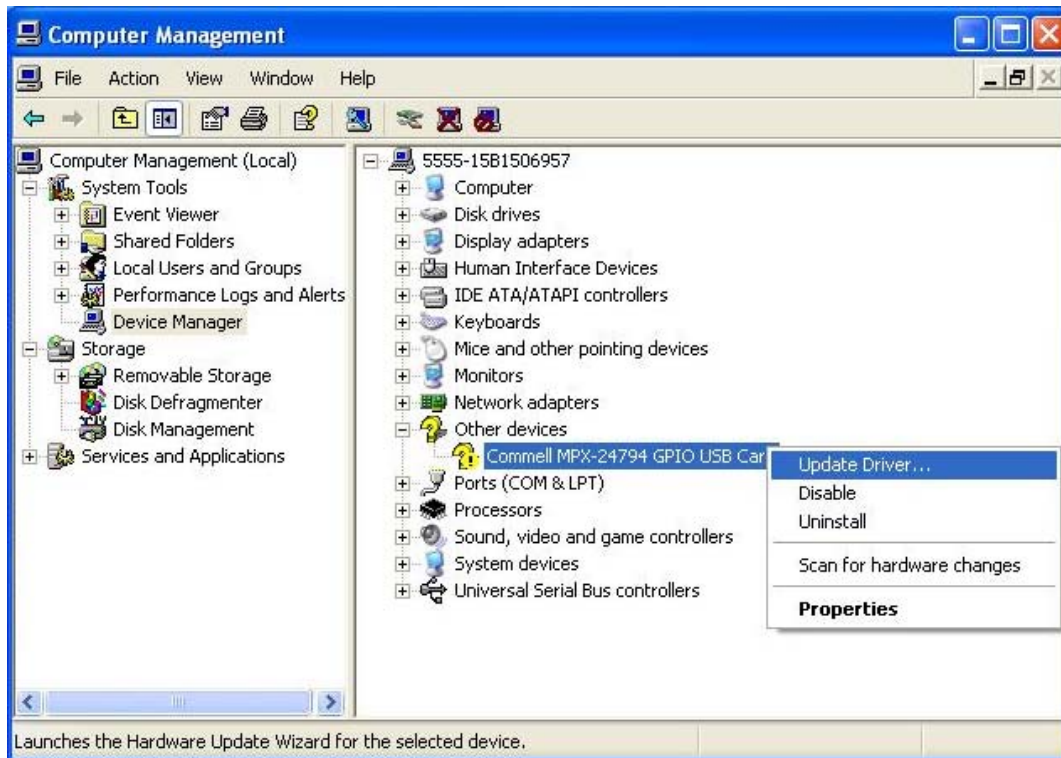| Pin	Description	Pin	Description
1	+5V	2	DM
3	DP	4	GND

1.4 <Driver Setting>

1. Copy the CD Driver folder to disk, Ex: C:\ , D:\ …

2. Please choose Manage

3. Please choose Update Driver…
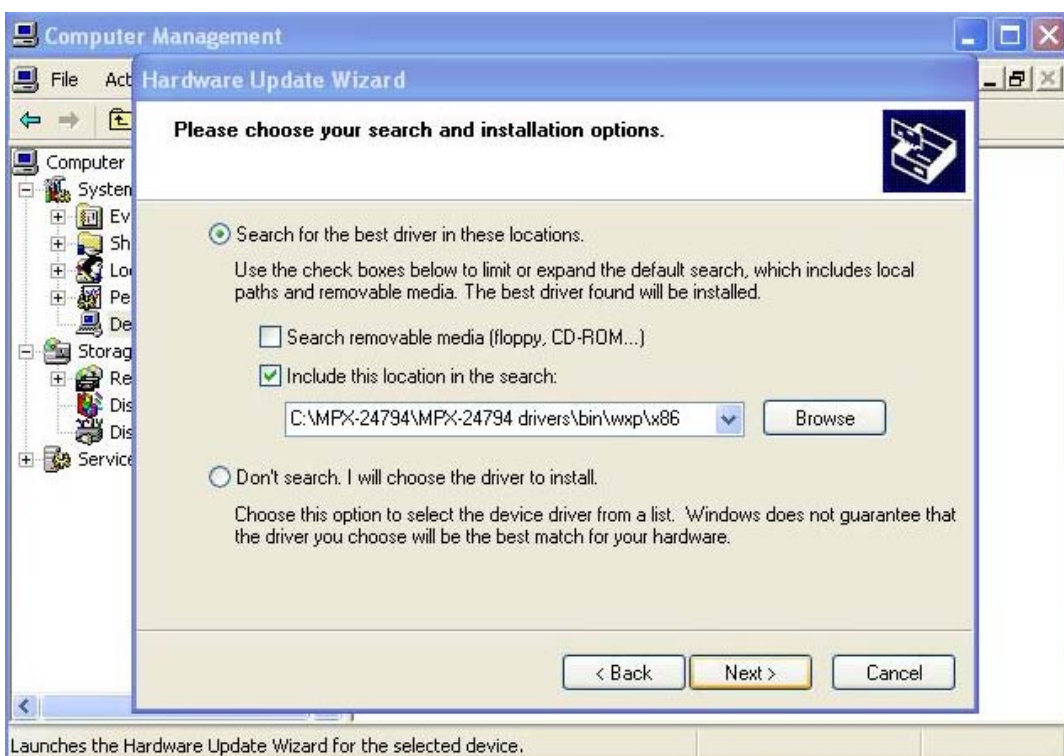

4. Please choose NO，not this time press next

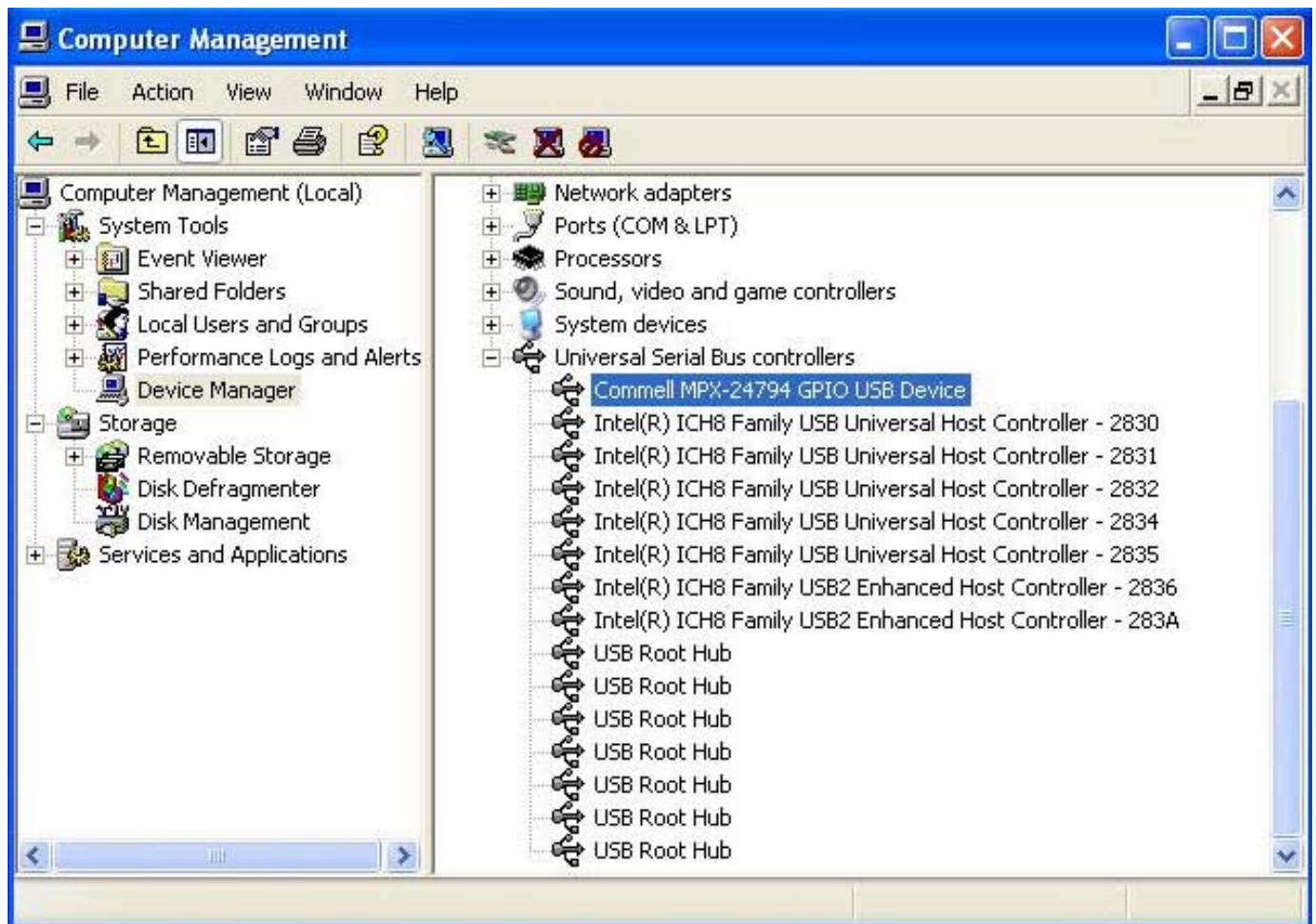# 5. Please choose Install from a list on specific Location press next

6. Please select file location C:\MPX-24794G\MPX-24794G drivers\bin\wxp\x86 then press next

7. Complete

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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