

# MPX-954E

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## User's Manual

Edition 1.21

2025/01/07



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## Packing List:

### Hardware:

MPX-954 PCI Express mini Card x1

### Cable Kit:



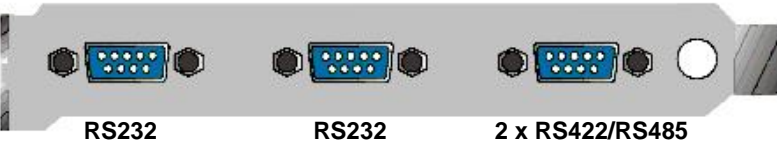
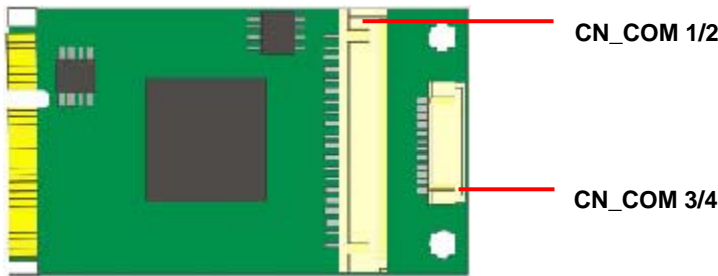
**RS232/RS422/RS485 Cable x 1  
(0ALES-BKU3-H14)**

# Product Specification

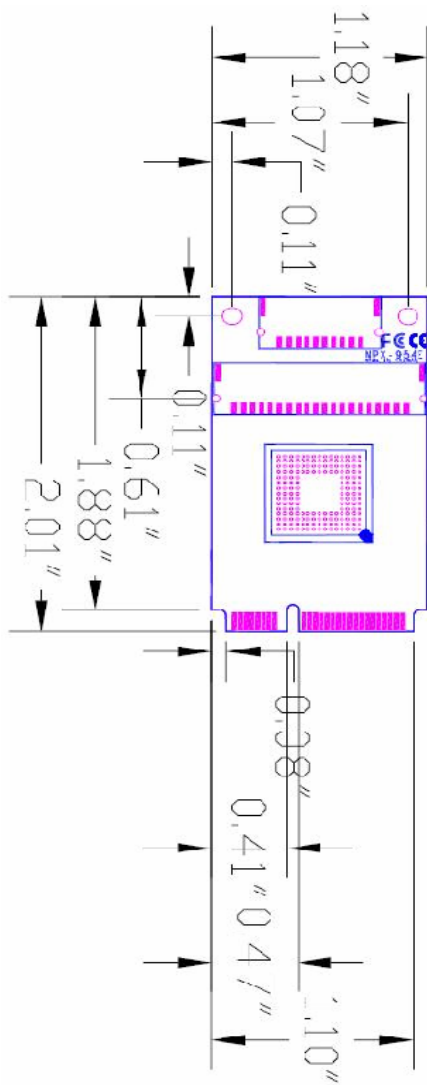
General Specification	
Form Factor	PCI Express mini card
Chipset	ICOXPCIe954
Internal Port	2 x RS232 , 2 x RS422/RS485
Dimensions ( W x D )	30.00mm x 50.95mm

## Component Placement

MPX-954E:



# Mechanical Drawing



Unit: inch

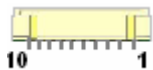
# Connector Reference

Connector: CN\_COM1/2(RS232)  
Type: H14H-20PIN



Pin	Description	Pin	Description
1	DCD_E0	2	SIN_E0
3	SOUT_E0	4	DTR_E0
5	GND	6	DSR_E0
7	RTS_E0	8	CTS_E0
9	RI_E0	10	NC
11	DCD_E1	12	SIN_E1
13	SOUT_E1	14	DTR_E1
15	GND	16	DSR_E1
17	RTS_E1	18	CTS_E1
19	RI_E1	20	NC

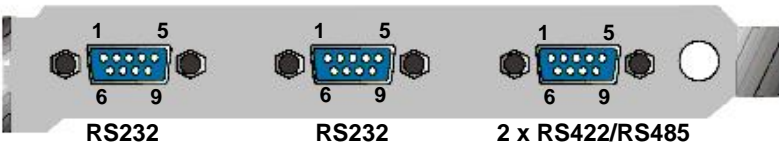
Connector: CN\_COM3/4(RS422/485)  
Type: H14H-10PIN  
(RS-422)



Pin	Description	Pin	Description
1	RXDC1-	2	RXDC1+
3	TXDC1+	4	TXDC1-
5	GND	6	RXDC2-
7	RXDC2+	8	TXDC2+
9	TXDC2-	10	GND

(RS-485)

- Com3 RTX- Data- : short Pin1& Pin4
- Com3 RTX+ Data+ : short Pin2& Pin3
- Com4 RTX- Data- : short Pin6& Pin9
- Com4 RTX+ Data+ : short Pin7& Pin8



## Driver Setting

1. Copy the CD Driver folder to disk, Ex: C:\ , D:\ ...
2. Please choose “**Device Manager**”



### 3. You can see other devices "PCI Serial Port"





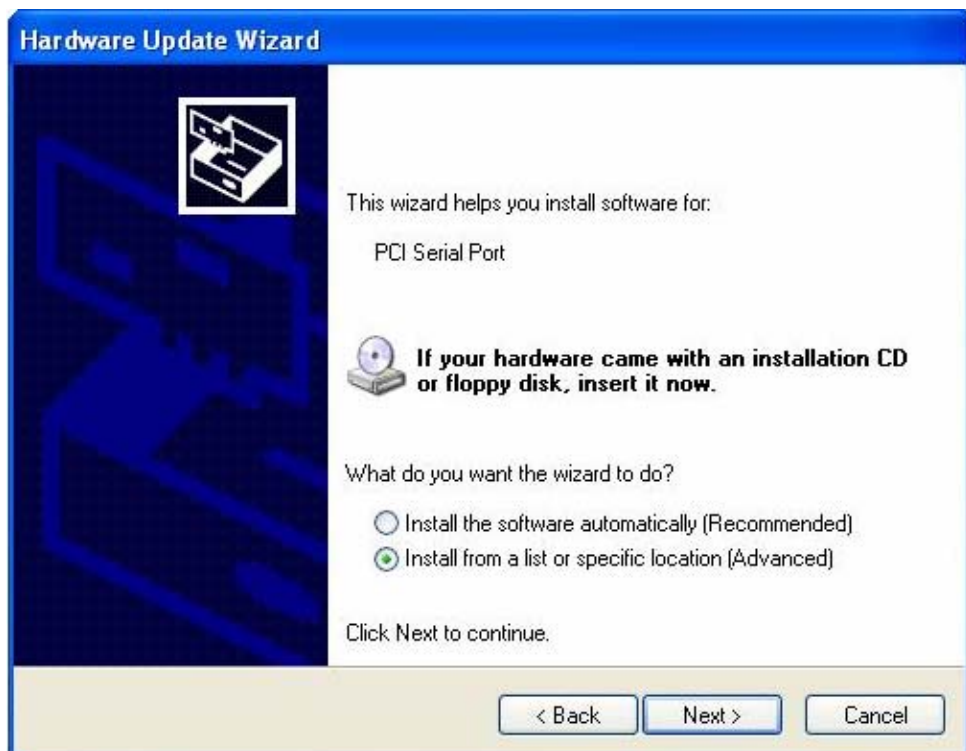
4. Please choose “**Other PCI Bridge Device**” then press  
**Update Driver**



5. Please choose **"NO, not this time"**



6. Install software for "PCI Serial Port" Please choose "Install from a list or specific location"



7. Please choose “**Search for the best driver in these location**”

Check “**Include this location in the search**” then press

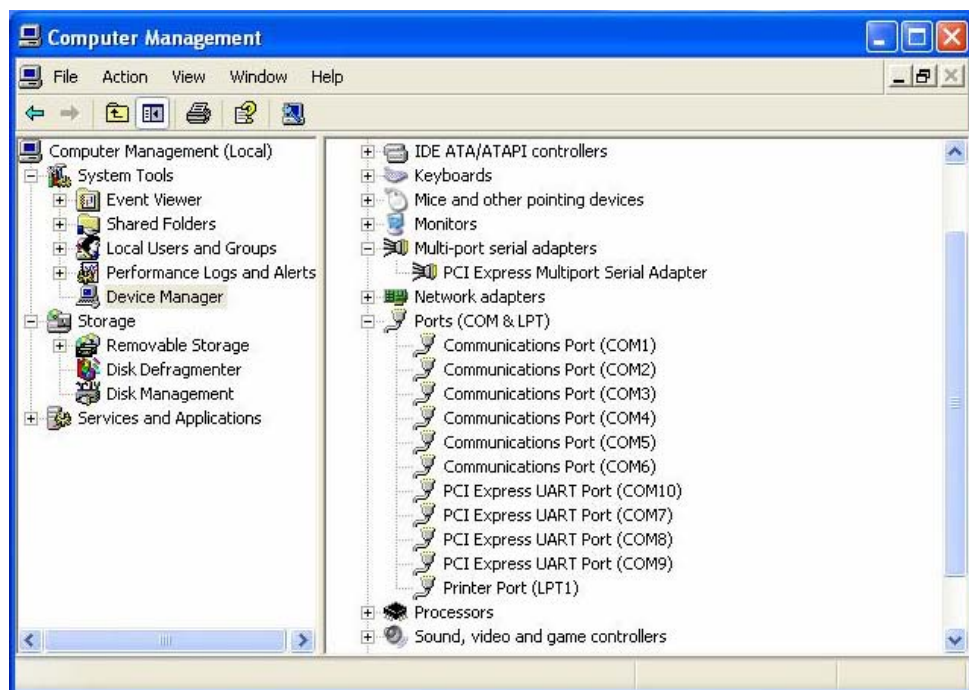
“**D:\Driver\MPX-954\MPX-954\x86**”



## 8. Completing the hardware update wizard



## 9. Computer Management



## 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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