

MPX-210

User's Manual

Edition 1.61

2025/01/06



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Packing List:

Hardware:

MPX-210 Mini-PCI Express LAN Card x1

Product Specification

General Specification

Form Factor	Mini-PCI Express with 52-pin interface
Controller	Intel® I210-AT Gigabit Ethernet
Compliance	IEEE 802.3 Ethernet interface for 1000Base-T, 100Base-TX, and 10Base-T applications (802.3, 802.3u, 802.3ab).
Transfer Rate	1000 Mb/s, 100 Mb/s, or 10 Mb/s
Dimensions (W x D)	30.00mm x 50.95mm
Support OS	Win7x86, Win7x64, Win8x86, Win8x64, Win8.1x86, Win8.1x64, Win2012, Win10x86, Win10x64

Cable kit:

MPX-210D:



1 PCS (OALGLAN-DF14-1)



1 PCS (BADPGLAND_A)

MPX-210D2:



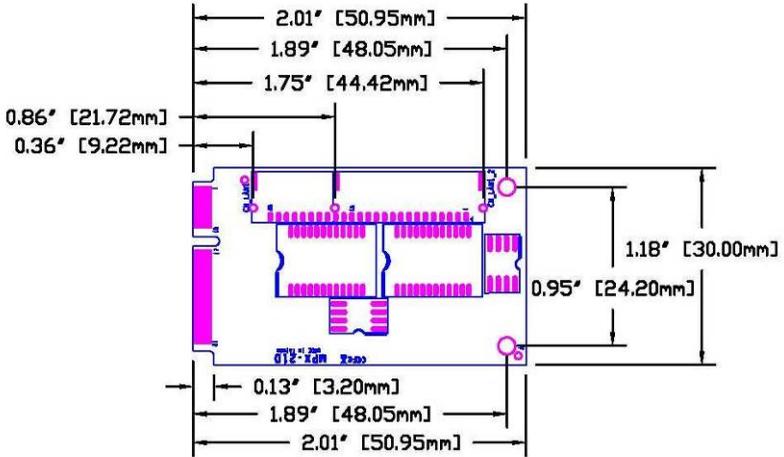
1 PCS (OALGLAN-DF14-2)



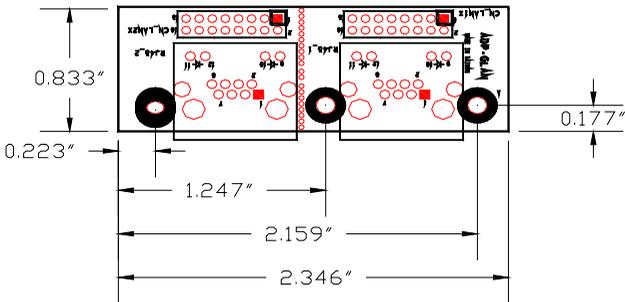
1 PCS (BADPGLAND2_A)

Mechanical Drawing

MPX-210:

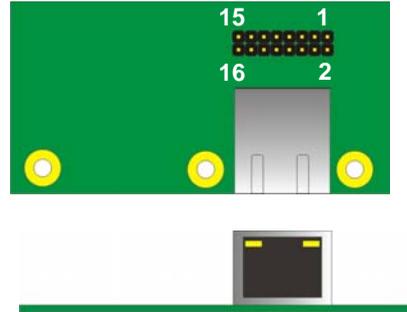
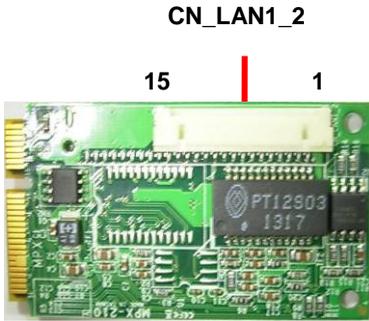


LAN Adapter:



Component Placement

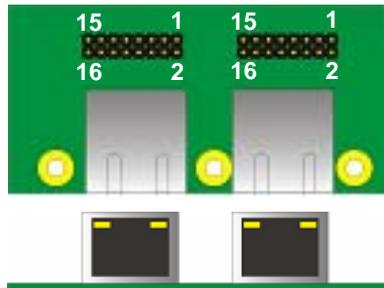
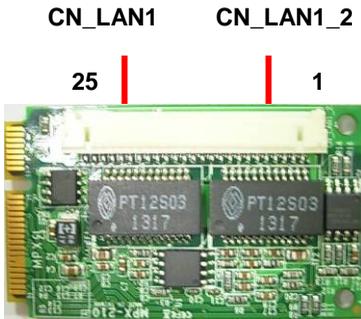
MPX-210D:



RJ45_1

(Include Bracket)

MPX-210D2:



RJ45_2

RJ45_1

(Include Bracket)

Connector Reference

Connector: CN_LAN1/2 (MPX-210D2)

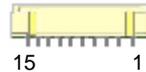


Connector Type:

25-pin pitch-1.25mm SYRS12525AR003 connector

Pin	Description	Pin	Description
1	RTD10+	2	RTD10-
3	RTD11+	4	RTD11-
5	RTD12+	6	RTD12-
7	RTD13+	8	RTD13-
9	RLINK1G1-	10	RLINK1H1-
11	RACTLED1-	12	RLINK1
13	GND	14	RTD20+
15	RTD20-	16	RTD21+
17	RTD21-	18	RTD22+
19	RTD22-	20	RTD23+
21	RTD23-	22	RLINK1G2-
23	RLINK1H2-	24	RACTLED2-
25	RLINK2		

Connector: CN_LAN1 (MPX-210D)



Connector Type:

15-pin pitch-1.25mm SYRS12515AR003 connector

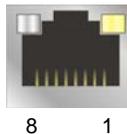
Pin	Description	Pin	Description
1	RTD10+	2	RTD10-
3	RTD11+	4	RTD11-
5	RTD12+	6	RTD12-
7	RTD13+	8	RTD13-
9	RLINK1G1-	10	RLINK1H1-
11	RACTLED1-	12	RLINK1
13	GND	14	RTD20+
15	RTD20-		

LAN Connector: RJ45_1/2

Connector Type:

16-pin (8 x 2) 2.0 x 2.0 mm header

RJ45 10/100/1000Mbps connector (MPX-210)



Pin	1	2	3	4	5	6	7	8
Description	MDI0+	MDI0-	MDI1+	MDI2+	MDI2-	MDI1-	MDI3+	MDI3-

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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