

IPCIE-UART-8D

PCIe x1 card supports 8-Port RS-232/422/485,
w/ EFT & Surge Protection, RoHS

Quick Installation Guide

Version 1.00

June, 2026

Features

- x1 lane PCI Express Interface
- 8-port RS-232/422/485
- 2500 VRMS optical isolation
- Speeds up to 1.5 Mbps for extremely fast data transmission

Packing List

- 1 x IPCIE-UART-8D card
- 1 x DB62 TO DB9 cable
- 1 x QIG (Quick Installation Guide)

Connectors

JCOM1/2/3/4/5/6/7/8: RS232/422/485 Mode Selection Jumper connector		
PIN NO.	DESCRIPTION	M0 M1 M2 RS232 0 0 1 RS422 1 0 0 RS485 1 1 0
1	COM_M0	
2	GND	
3	COM_M1	
4	GND	
5	COM_M2	
6	GND	

CN1: D-Sub 62PIN Connector			
PIN NO.	DESCRIPTION	PIN NO.	DESCRIPTION
1	NTX#1_R	33	NTX#5_R
2	NDTR#1_R	34	NDTR#5_R
3	NRX#2_R	35	NRX#6_R
4	NDSR#2_R	36	NDSR#6_R
5	NDCD#2_R	37	NDCD#6_R
6	NTX#3_R	38	NTX#7_R
7	NDTR#3_R	39	NDTR#7_R
8	NRX#4_R	40	GND
9	NDSR#4_R	41	NTX#8_R
10	NDCD#4_R	42	NDTR#8_R
11	NRX#5_R	43	NCTS#1_R
12	NDSR#5_R	44	NRTS#1_R
13	NDCD#5_R	45	GND
14	NTX#6_R	46	NCTS#2_R
15	NDTR#6_R	47	NRTS#2_R
16	NRX#7_R	48	NCTS#3_R
17	NDSR#7_R	49	NRTS#3_R
18	NDCD#7_R	50	GND
19	NRX#8_R	51	NCTS#4_R
20	NDSR#8_R	52	NRTS#4_R
21	NDCD#8_R	53	NCTS#5_R
22	NRX#1_R	54	NRTS#5_R
23	NDSR#1_R	55	GND
24	NDCD#1_R	56	NCTS#6_R
25	NTX#2_R	57	NRTS#6_R
26	NDTR#2_R	58	GND
27	NRX#3_R	59	NCTS#7_R
28	NDSR#3_R	60	NRTS#7_R

29	NDCD#3_R	61	NCTS#8_R
30	NTX#4_R	62	NRTS#8_R
31	NDTR#4_R	G1	DB62_GND
32	GND	G2	DB62_GND

Get more information:

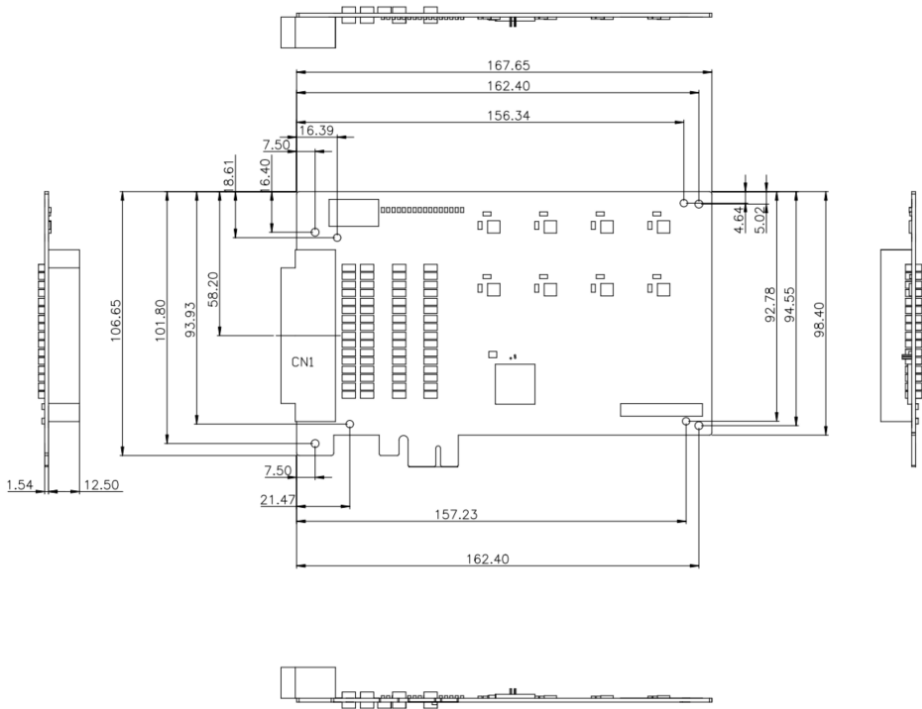


IPCIE-UART-8D



IEI Resource Download Center

Dimensions (Unit: mm)



Safety Instructions



Warning! Read the user manual before connecting the system to the power source.

Warning! To prevent the system from overheating, do not operate it in an area that exceeds the maximum operating temperature described in the user manual.

Warning! Ultimate disposal of this product should be handled according to all national laws and regulations.

Support



IEI Support URL

http://new.ieiworld.com/tw/online_support_form

Compliance



This equipment has been tested and found to comply with specifications for CE marking. If the user modifies and/or installs other devices in the equipment, the CE conformity declaration may no longer apply.



This equipment complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- This device may not cause harmful interference, and
- This device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.



According to the requirement of the WEEE legislation, the following user information is provided to customers for all branded IEI Electronics products subject to the WEEE directive.

This symbol on the product or on its packaging indicates that this product must not be disposed of with your other household waste. Instead, it is your responsibility to dispose of your waste equipment by handing it over to a designated collection point for the recycling of waste electrical and electronic equipment. The separate collection and recycling of your waste equipment at the time of disposal will help to conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment. For more information about where you can drop off your waste equipment for recycling, please contact your local city office, your household waste disposal service or the shop where you purchased the product.

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