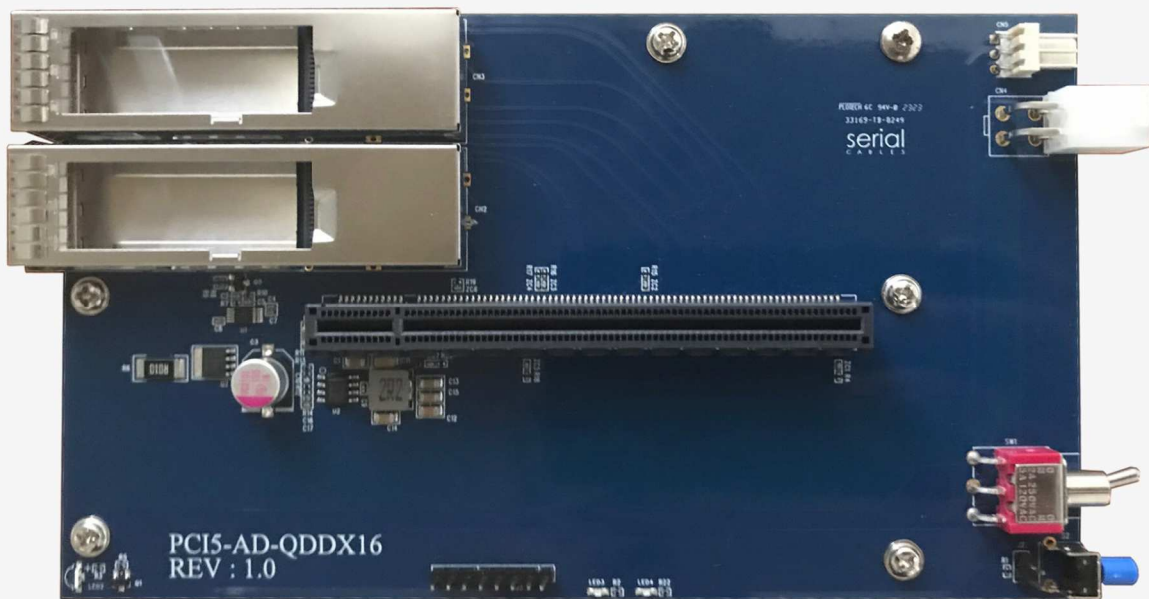




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PCIe GEN5 X16 QSFP-DD TO X16 AIC ADAPTER

Part Number: PCI5-AD-QDDX16



User's Manual

REV: 1.1

April. 2024

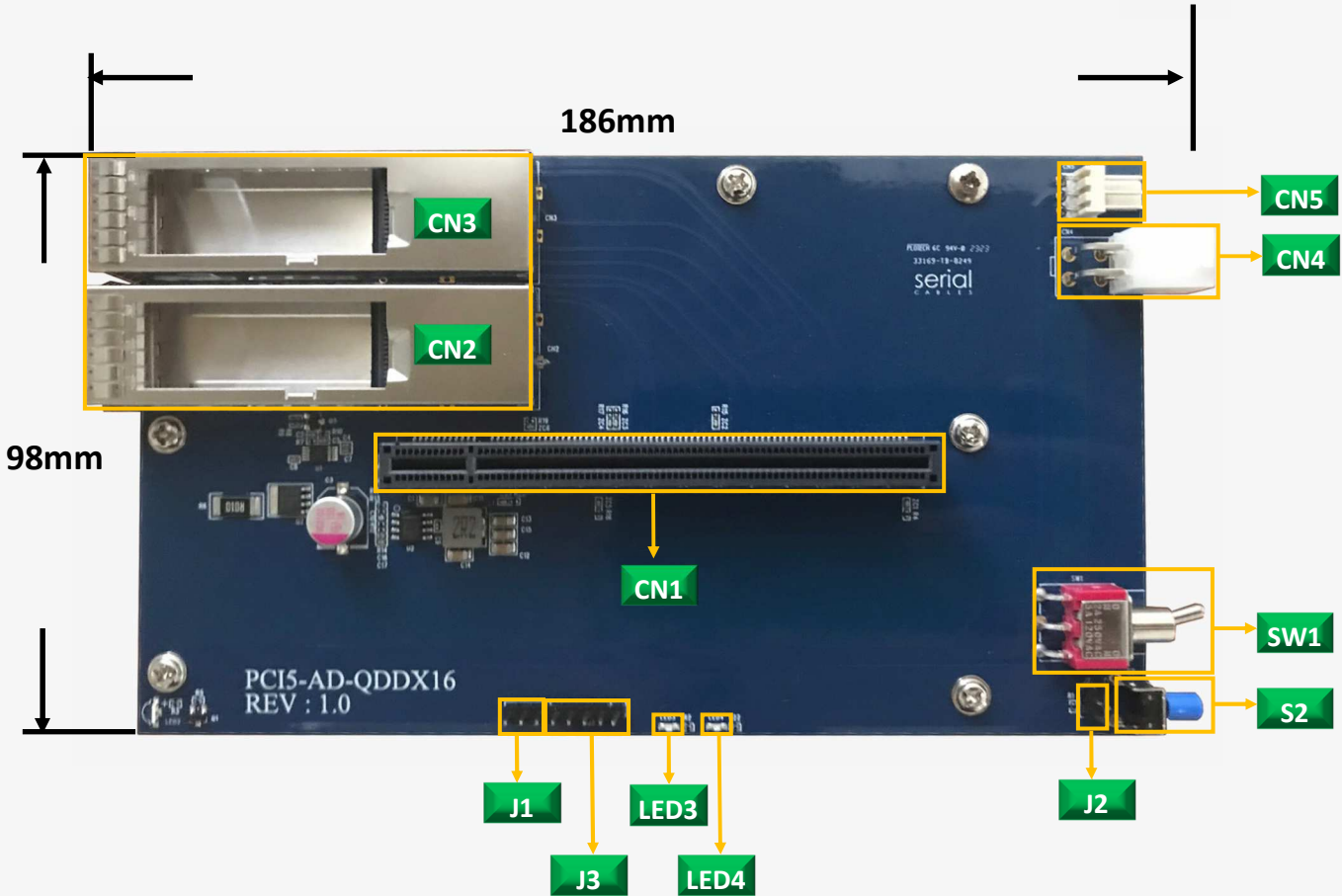


Change history

REV	Change history	Date of Release
1.0	New created	Dec. 2022
1.1	Added installation guide for brackets	Apr.2024



Function Description For Connectors And LEDs



Location	Descriptions
CN1	PCIe Gen5 X16 slot connectors
CN2/CN3	QSFP-DD Connectors.
CN4	ATX 12V Power connector.
CN5	3Pins FAN connector.
J1	SMBus of PCIe slot, SCL/SDA/GND
J2	Jumper ON: Set PERST# of PCIe slot to be "H" state. Jumper OFF: Set the PERST# of PCIe slot was controller by PCIe host card (Default)
J3	JTAG of PCIe slot, TRST#/TMS/TCLK/TDO/TDI
SW1	Toggle switch Toward Up, Fixture power disable.
S2	TACT switch for PERST# of PCIe slot
LED3	Red LED, which controls by PCIe host card CLI commands.
LED4	Blue LED, indication for power on.



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PCI5-AD-QDDX16

Host cards to PCI5-AD-QDD16 in 1X16 Connection

PCIe switch based host adapter card

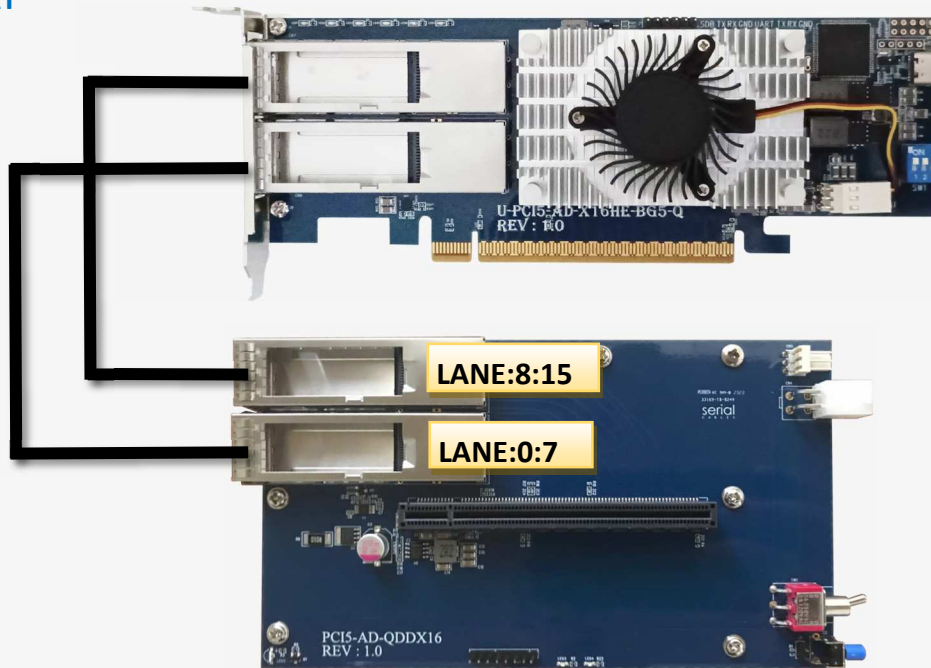
[PCI5-AD-x16HE-BG5-QDD](#)

Retimer based host adapter card

[PCI5-AD-x16HE-RT](#)

QDD to QDD with side-band

[QDD-8X-8XRT](#)

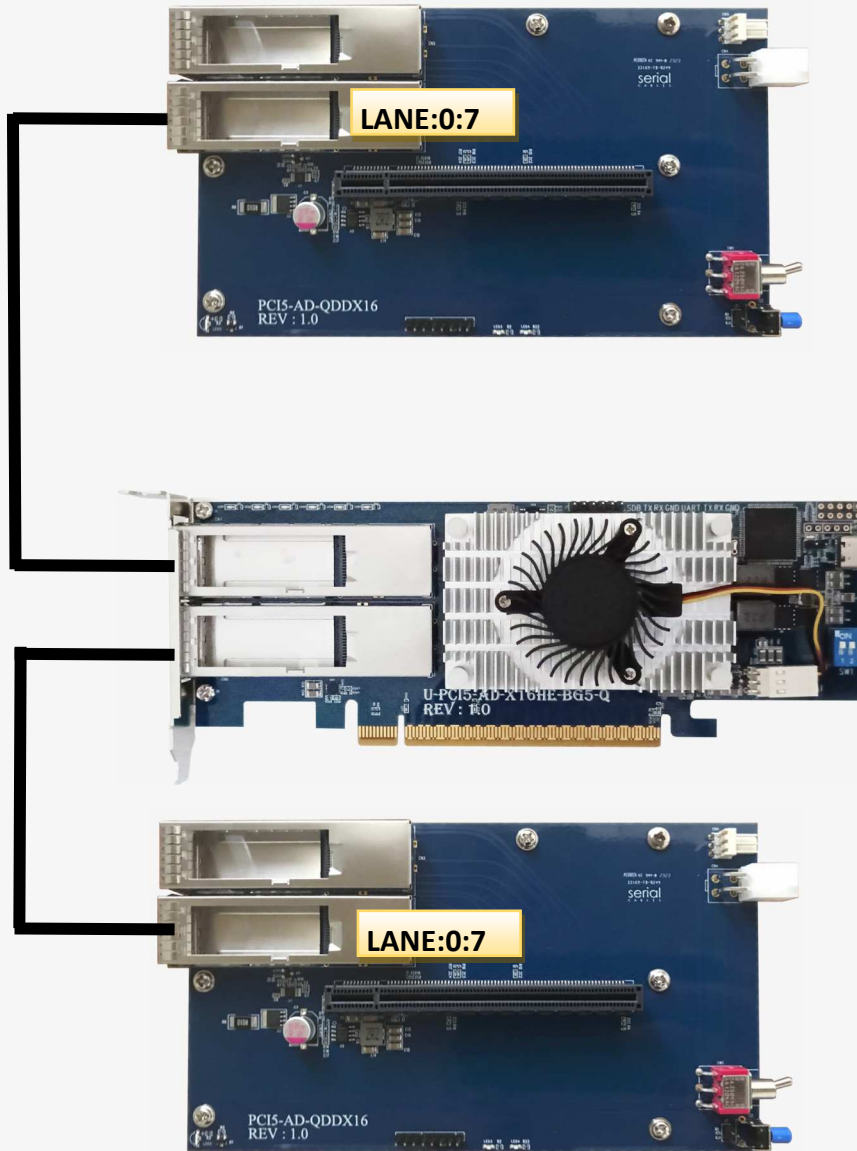




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PCI5-AD-QDDX16

Host cards to PCI5-AD-QDD16 in 2X8 Connection





Installation Guide

Packing List



M4x4mm:2pcs



M3x5mm:6pcs



Front cover:1pcs



Base station:1pcs



Step1:

Adjust the front cover from low profile to standard height AIC.

Note: Default is low profile in shipment. If installed AIC is low profile, it doesn't need to adjust the front cover. Step1 is for standard height AIC.

1. loose the thumbscrew on both sides.



2. Pull up the top cover to align with the position of screw hole.

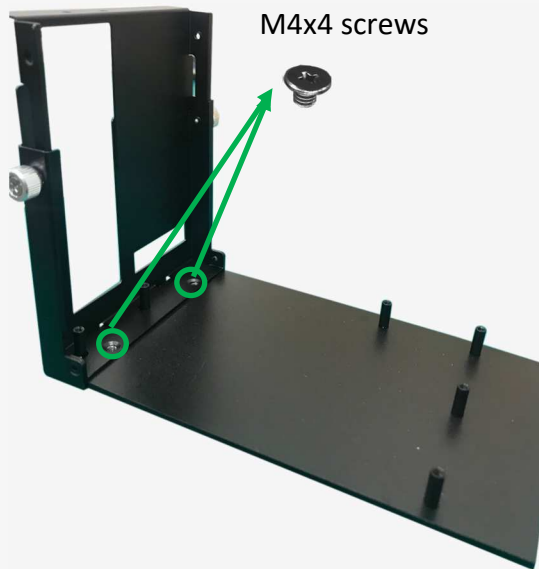


3. Tighten the thumbscrews.



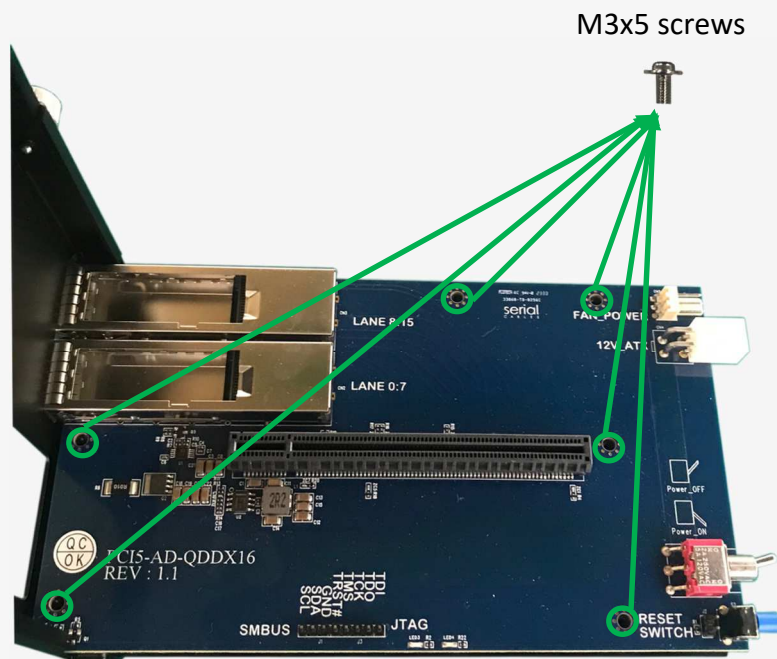
Step2:

Install front-cover into base station and secure with two M4x4 screws



Step3:

Install PCI5-AD-QDDX16 and secure with six M3x5 screws





PCI5-AD-QDDx16 in Standard height



PCI5-AD-QDDx16 in low profile