



serial
C A B L E S

PCI5-x8EDSFF-E3V-01



User's Manual

REV: 1.3

June. 2023

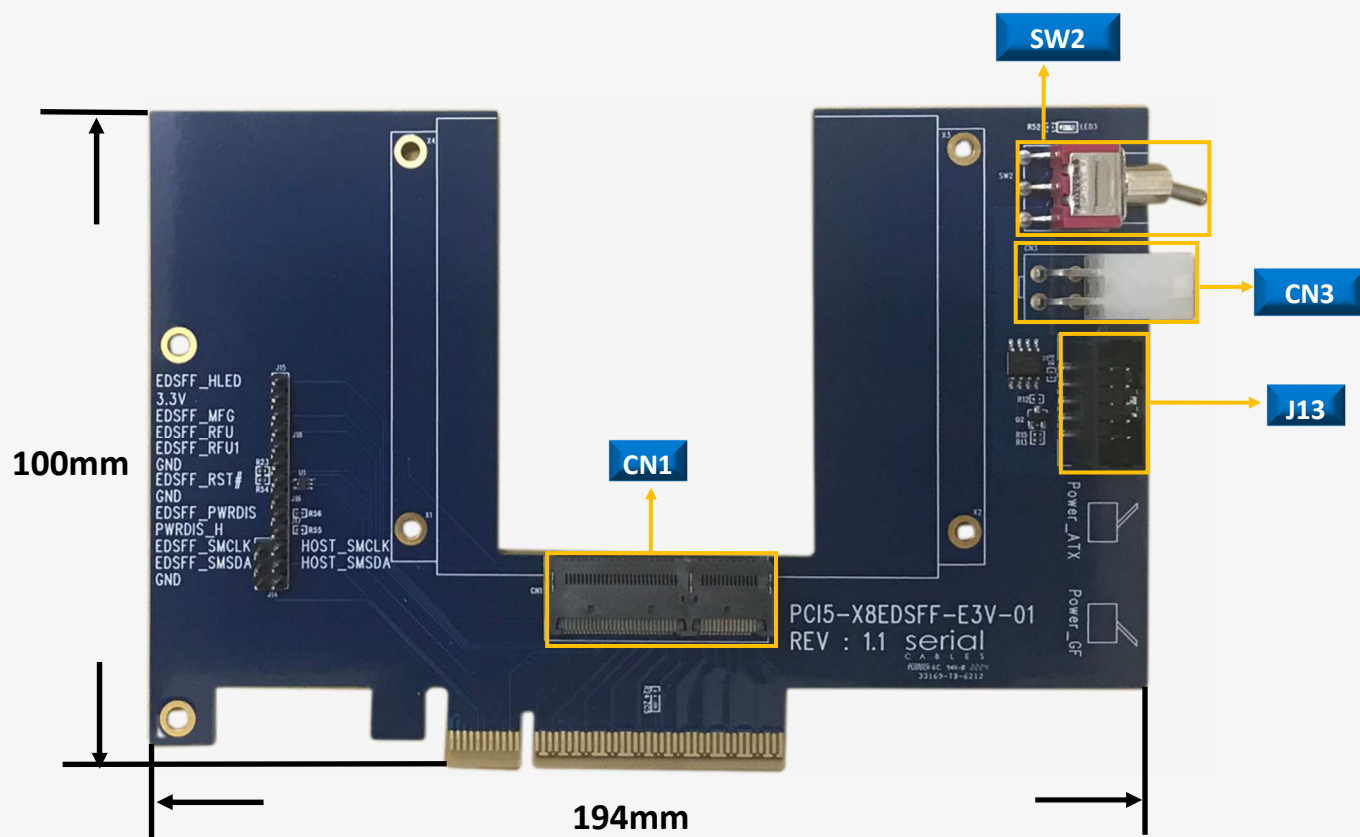


Change history

REV	Change history	Date of Release
1.0	New created	Aug. 2022
1.1	Update the PCBA dimension	Mar..2023
1.2	Add introductions for FAN-cage and E3 assembling	Jun..2023
1.3	Add introductions for E1.S assembling	Jul..2023



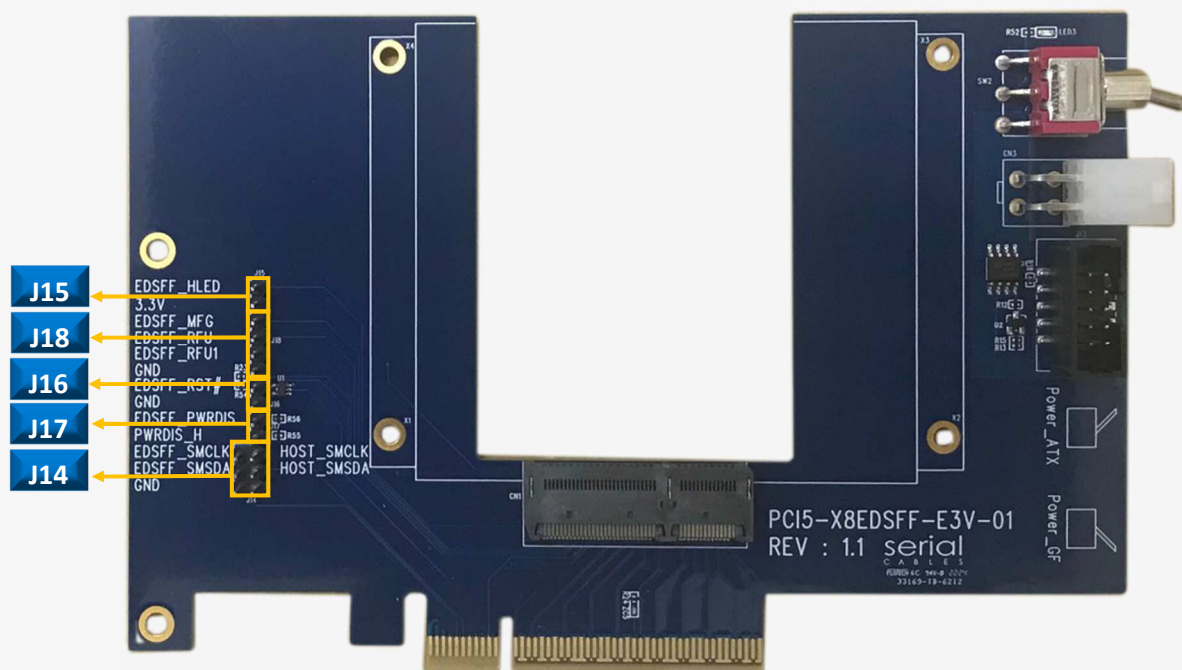
Function Description For Connectors



Location	Descriptions
SW2	Toggle switch Toward Up, EDSFF drive powered by AUX (Either ATX12V or Quarch Connector). Toward Down, EDSFF drive powered by host (Golden finger).
CN3	ATX 12V Power connector.
J13	Quarch power connector
CN1	X8 84Pins Right angle EDSFF Connectors



Function Description For Connectors



Location	Descriptions							
J15	ON: Connects HOST_LED in EDSFF connector Pin A10 to 3.3V. OFF: HOST_LED in EDSFF connector Pin A10 to Floating.							
J18	Pin1_EDSFF_MFG: To EDSFF connector Pin B7. Pin2_EDSFF_RFU: To EDSFF connector Pin B8. Pin3_EDSFF_RFU1: To EDSFF connector Pin A42. Pin4_GND:							
J16	ON: Assert EDSFF_RST# in EDSFF connector Pin B10. OFF: De-assert EDSFF_RST# in EDSFF connector Pin B10.							
J17	ON: Force EDSFF power disable, set PWRDIS in EDSFF connector B12 to “H” state. OFF: Force EDSFF power enable, set PWRDIS in EDSFF connector B12 to “L” state.							
J14	<table><tr><td>EDSFF_SMCLK</td><td>HOST_SMCLK</td></tr><tr><td>EDSFF_SMSDA</td><td>HOST_SMSDA</td></tr><tr><td>GND</td><td>GND</td></tr></table>	EDSFF_SMCLK	HOST_SMCLK	EDSFF_SMSDA	HOST_SMSDA	GND	GND	Jumpers for EDSFF SMBUS accessing
EDSFF_SMCLK	HOST_SMCLK							
EDSFF_SMSDA	HOST_SMSDA							
GND	GND							



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Installation Guide

Packing List For E3 Series



M3x4mm:2pcs



M3x5mm:6pcs



Full-height bracket:1pcs



E3S FAN-Cage:1pcs



E3S Bracket:1pcs



Packing List For E1.S Series



M2x 4.25mmx4mm:4pcs



M2x4mm:4pcs

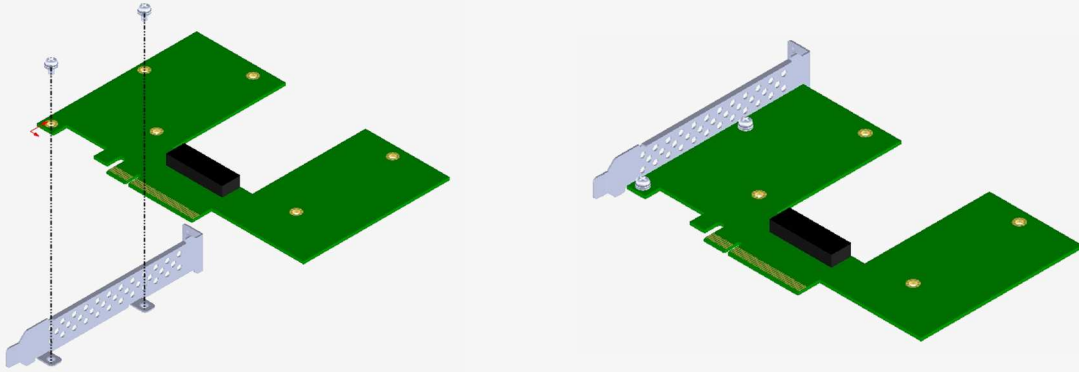


E1.S holder:1pcs



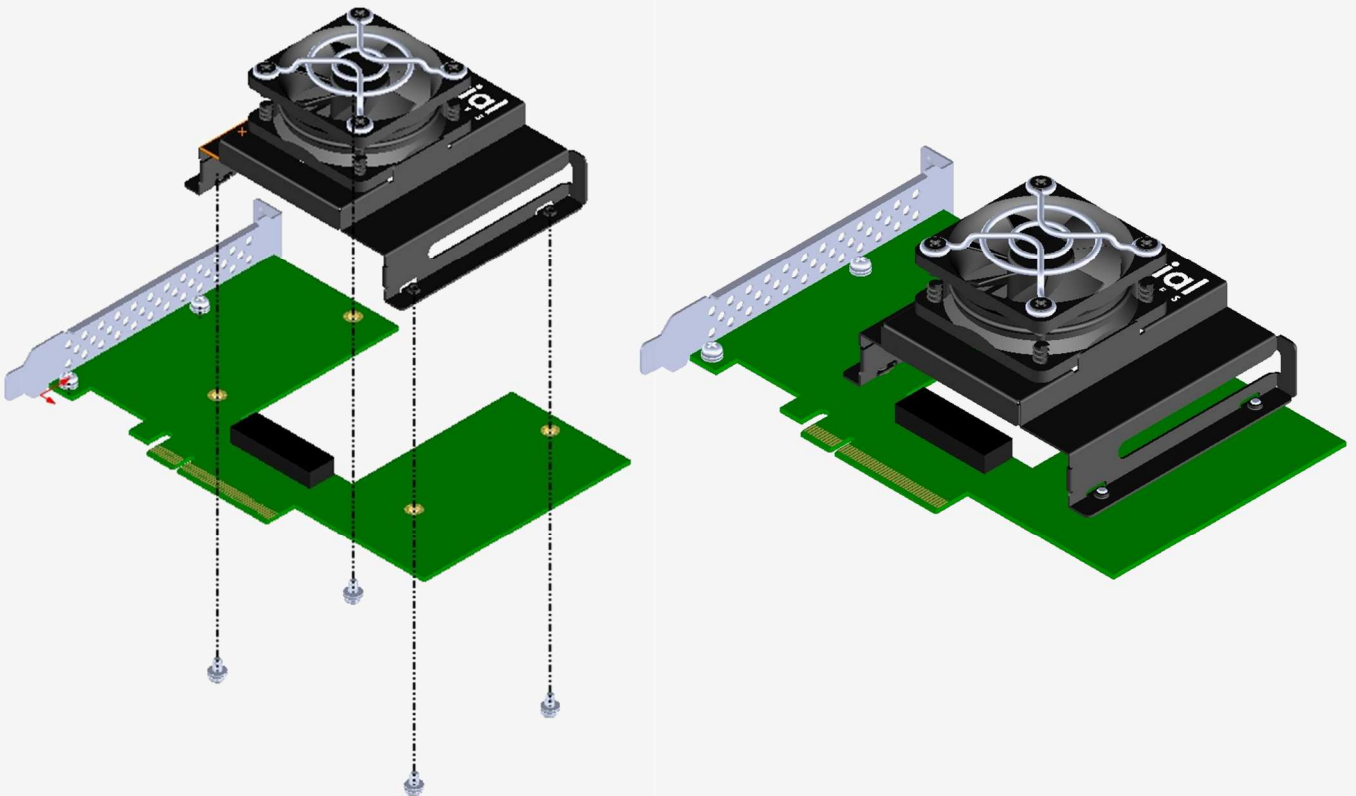
Bracket installation

Install PCI bracket with 2pcs M3x5mm screws.



FAN-Cage installation

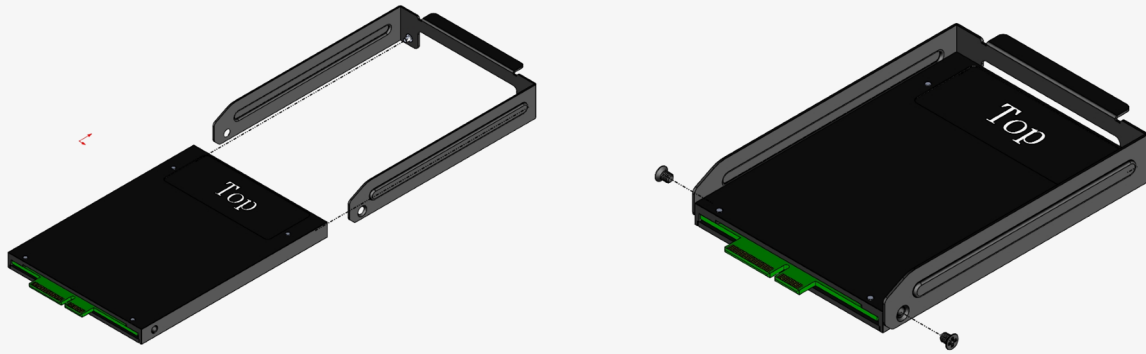
Install E3.S FAN-Cage with 4pcs M3x5mm screws.



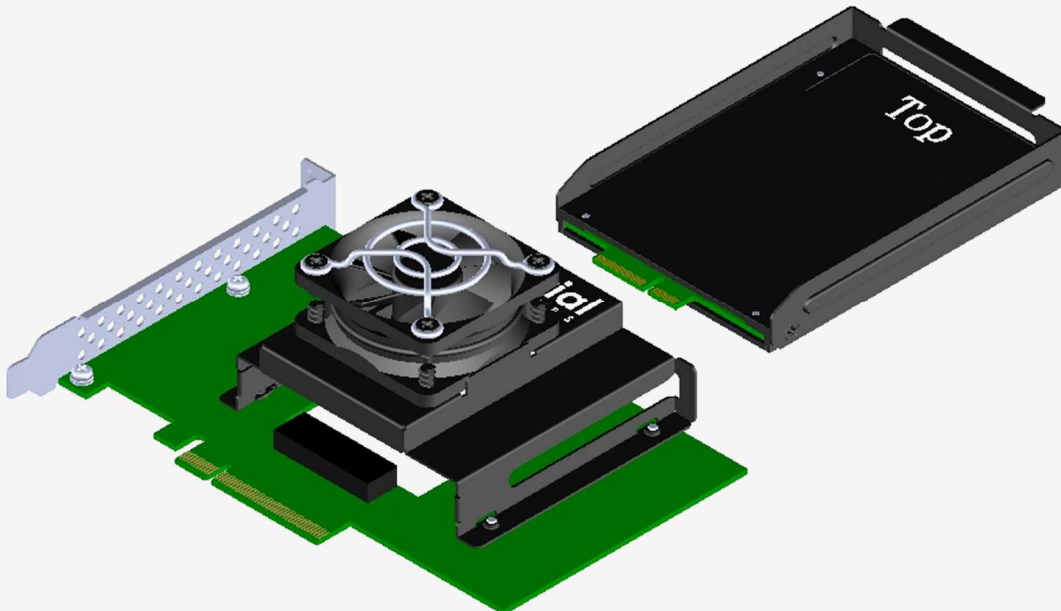


E3.S bracket installation

Secure E3 device onto bracket with 2pcs M3x4mm screw



Plugging E3 tray into FAN-cage and starting testing.

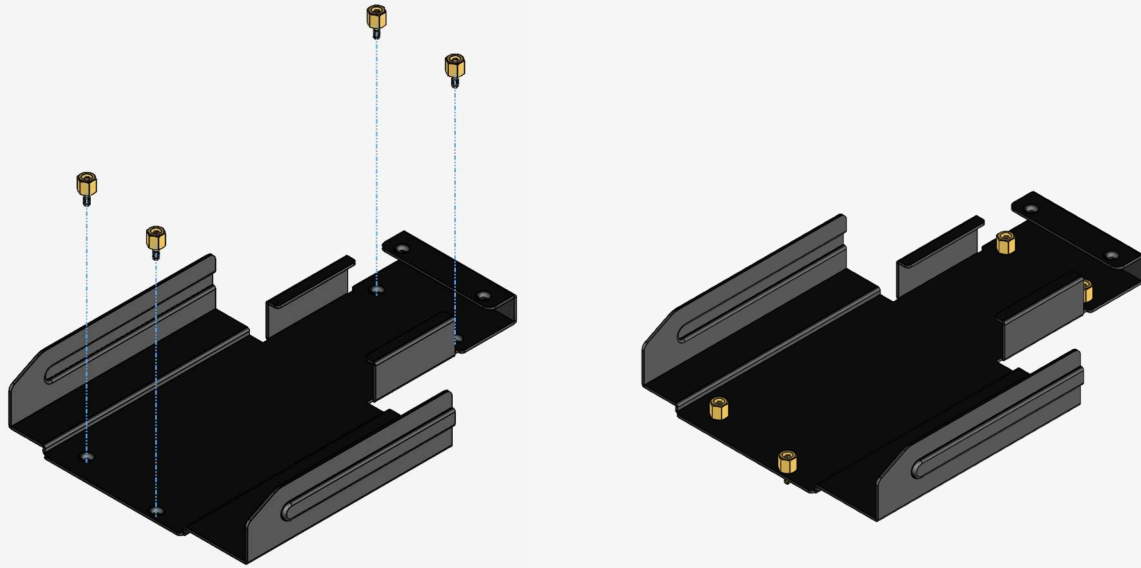




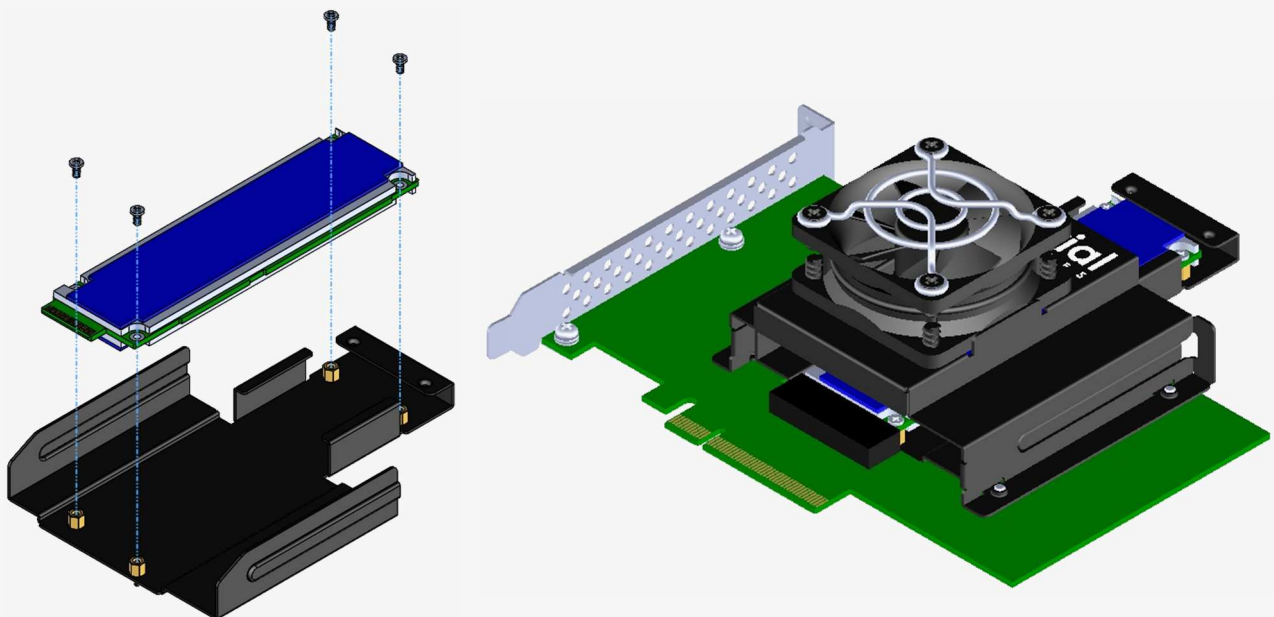
E1.S holder installation

E1.S 5.9mm and 8.01mm

Install 4pcs copper pillars into E1.S bracket



Secure E1.S device onto holder with 4pcs M2x4mm screws, then plugging into FAN-cage starting testing.

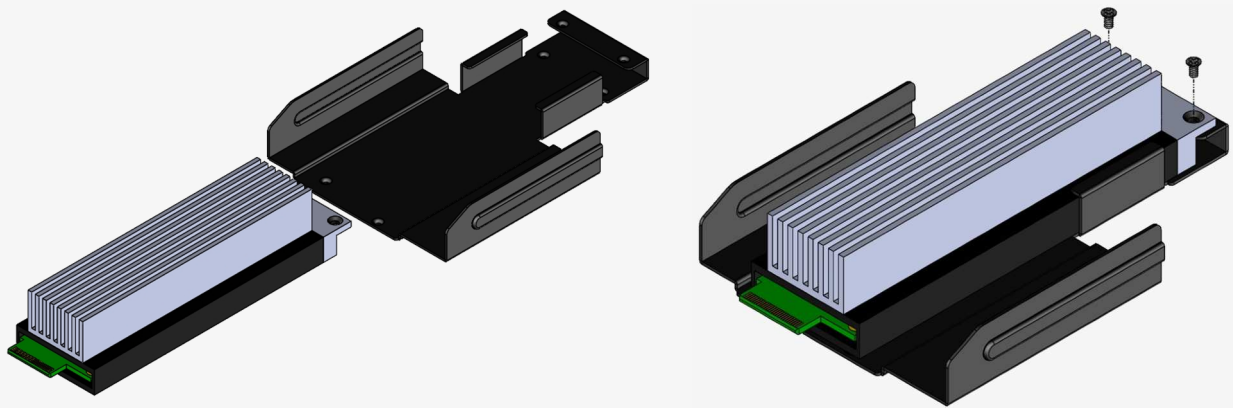




E1.S holder installation

E1.S 9.5mm, 15mm and 25mm

Secure E1.S device onto holder with 2pcs M2x4 screws.



plugging into FAN-cage and starting testing.

