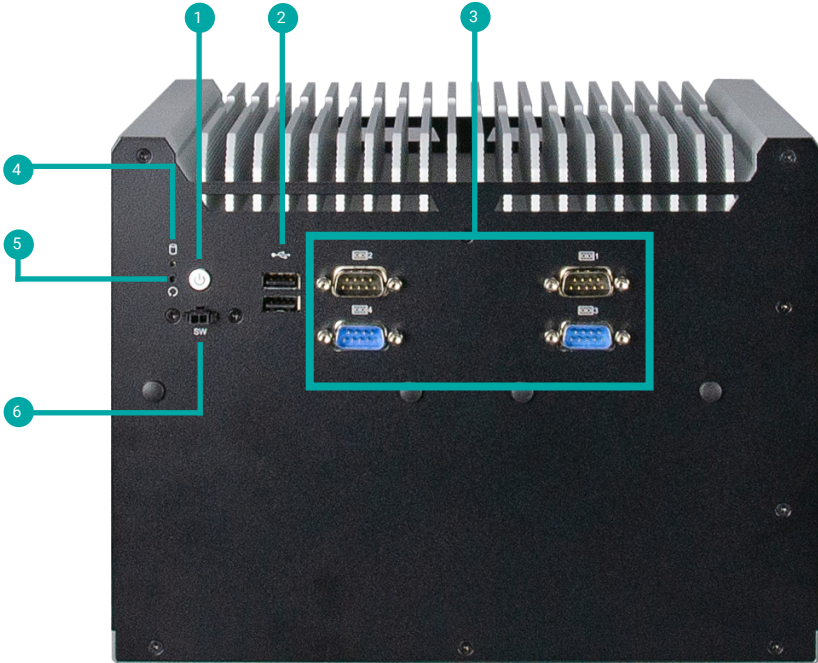# EC543-CS
Modular-Designed Embedded System

Package Contents

• 1 EC543-CS system unit
• 1 M.2 slot screw
• 1 terminal block 3-pole for DC input
• 1 cable with 2 wire stripped and tinned to DC jack

Product Overview

Front View

1	Power Button	4	Status/HDD LED
2	USB 2.0	5	Reset Button
3	COM Ports	6	Remote Switch

Rear View
EC543-CS6G86-Q
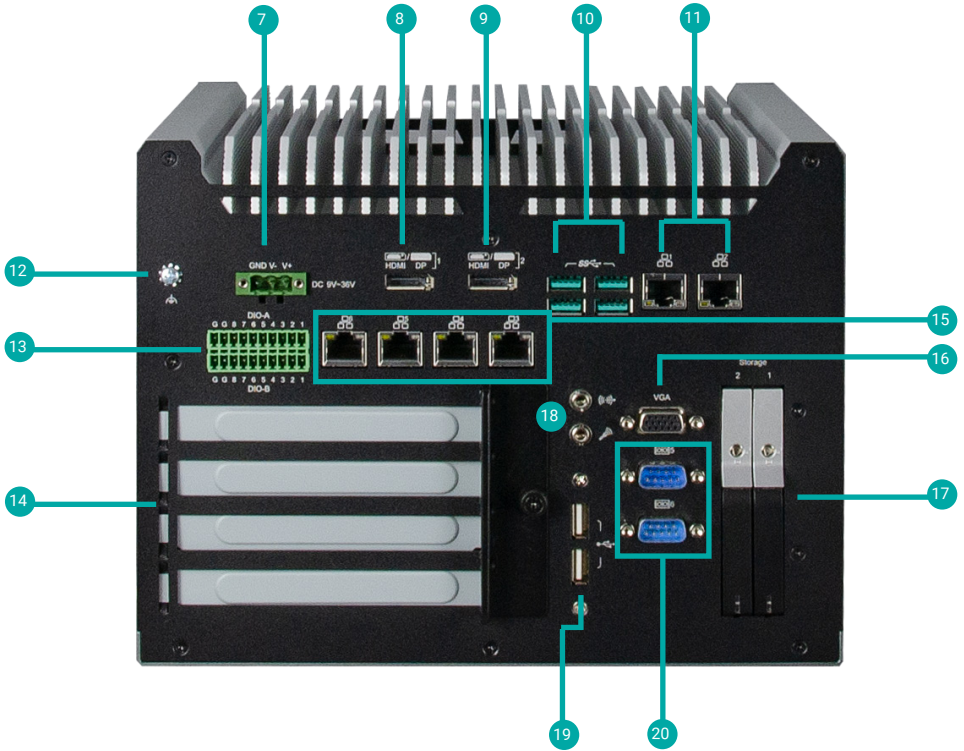
7 DC-in	**12** Grounding	**17** Storage Driver Bay
8 HDMI/DP++ Combo Port 1 (Auto Detection)	**13** DIO	**18** Mic-In/ Line-Out
9 HDMI/DP++ Combo Port 2 (Auto Detection)	**14** Expansion Slots	**19** USB 2.0
10 USB 3.1	**15** LAN 3~6	**20** COM Ports
11 LAN 1 & LAN 2	**16** VGA	

Rear View
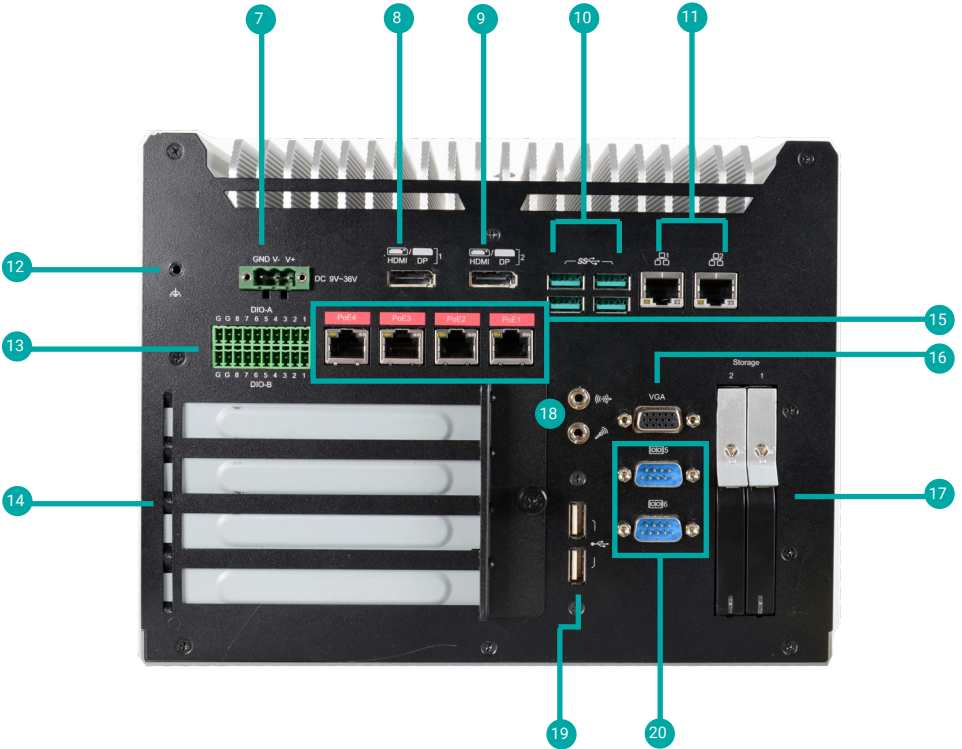### EC543-CS6G86E-Q

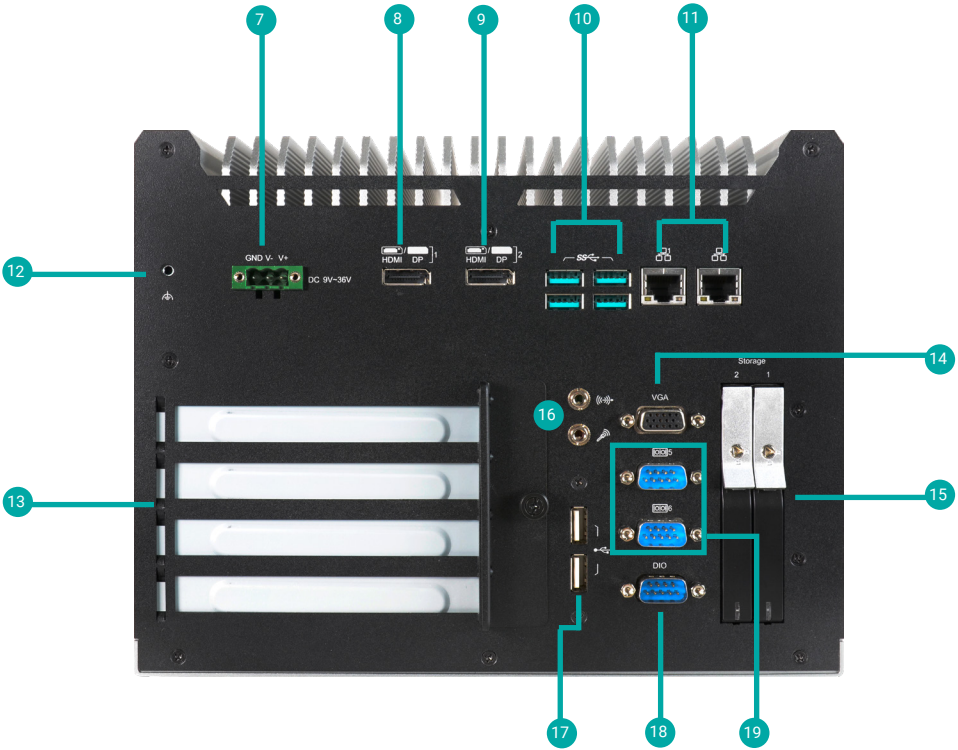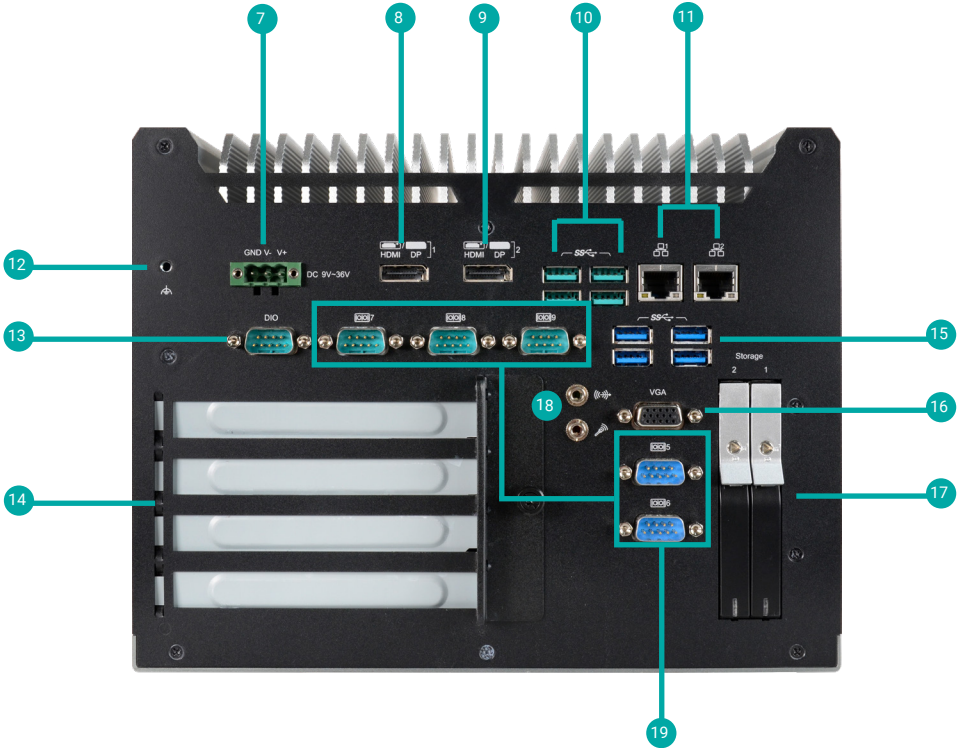|						
7	DC-in	12	Grounding	17	Storage Driver Bay
8	HDMI/DP++ Combo Port 1 (Auto Detection)	13	DIO	18	Mic-In/ Line-Out
9	HDMI/DP++ Combo Port 2 (Auto Detection)	14	Expansion Slots	19	USB 2.0
10	USB 3.1	15	PoE	20	COM Ports
11	LAN 1 & LAN 2	16	VGA		

Rear View
EC543-CS6881-Q

7	DC-in	**12**	Grounding	**17**	USB 2.0
8	HDMI/DP++ Combo Port 1 (Auto Detection)	**13**	Expansion Slots	**18**	DIO
9	HDMI/DP++ Combo Port 2 (Auto Detection)	**14**	VGA	**19**	COM Ports
10	USB 3.1	**15**	Storage Driver Bay		
11	LAN 1 & LAN 2	**16**	Mic-In/ Line-Out		

Rear View
EC543-CS98A1-Q

7	DC-in	12	Grounding	17	Storage Driver Bay
8	HDMI/DP++ Combo Port 1 (Auto Detection)	13	DIO	18	Mic-In/ Line-Out
9	HDMI/DP++ Combo Port 2 (Auto Detection)	14	Expansion Slots	19	COM Ports
10	USB 3.1 Gen2	15	USB 3.1 Gen1		
11	LAN 1 & LAN 2	16	VGA		

Removing the Chassis Cover

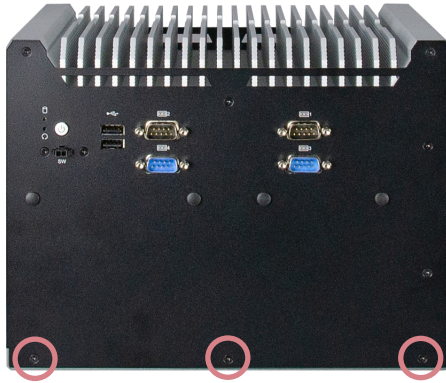Please observe the following guidelines and follow the instructions to open the system.

1. Make sure the system and all other peripheral devices connected to it have been powered off.
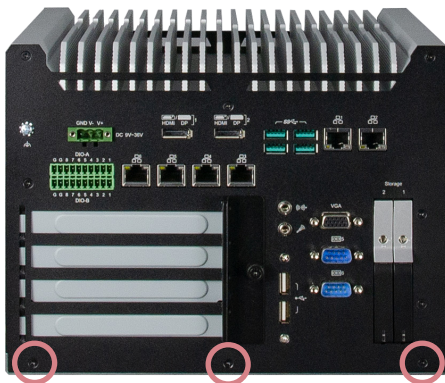
2. Disconnect all power cords and cables.

There are 6 screws on both front and rear sides of the system and 6 screws on the left and right sides of the system used to secure the cover to the chassis.

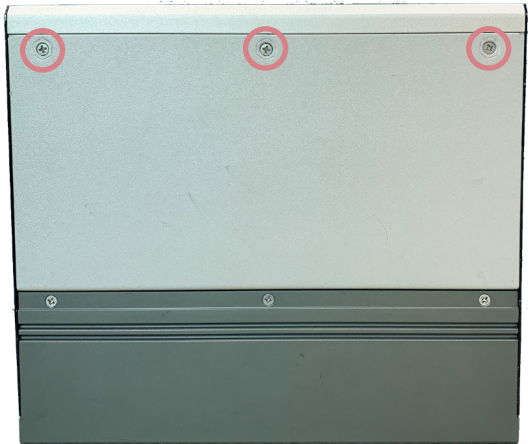Remove the screws and put them in a safe place for later use.

Front View

Rear View

Left View

Right View

Step 2:
Turn the system upside down and lift the cover to open the system.

Step 3:
The boards can be easily accessed after the chassis cover is removed.
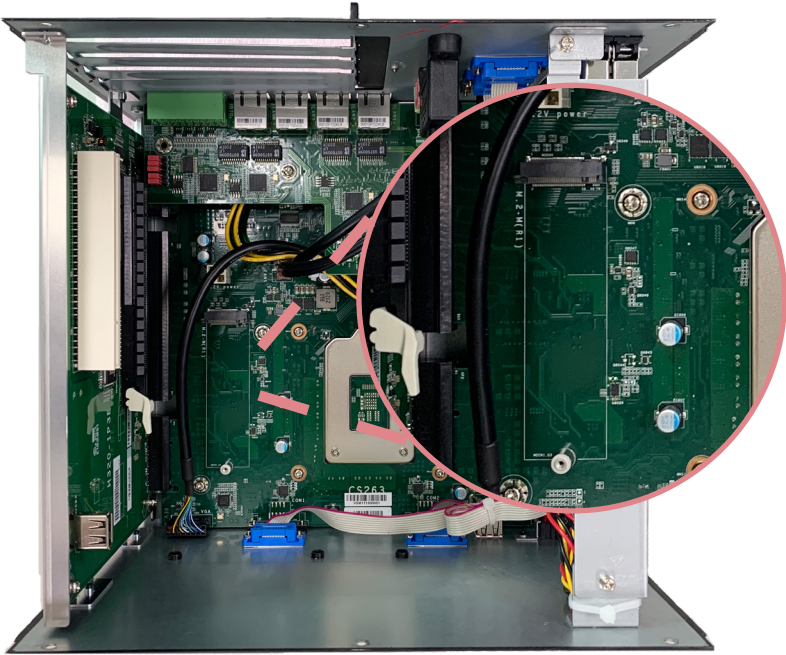
◉ Installing an M.2 Card

Please observe the following guidelines and follow the instructions to open the system.

1. Make sure the system and all other peripheral devices connected to it have been powered off.

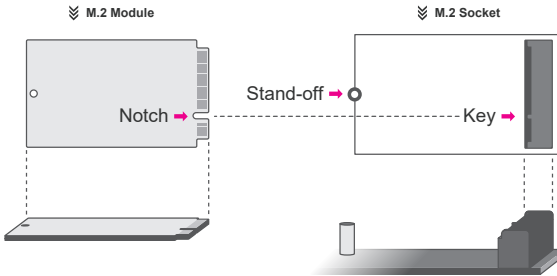2. Disconnect all power cords and cables.

Step 1:

Lift the cover to open the system.
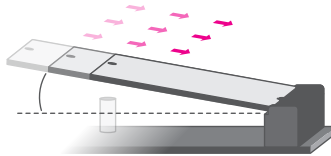M.2 card slot can be easily accessed after the chassis cover is removed.

Step 2:

Please follow the steps below to install the card into the socket.
Insert the card into the socket at an angle while making sure the notch and key are perfectly aligned.

Step 3:

Press the end of the card far from the socket down until against the stand-off.

Step 4:

Screw tight the card onto the stand-off with a screw driver and a stand-off screw until the gap between the card and the stand-off closes up. The card should be lying parallel to the board when it's correctly mounted.
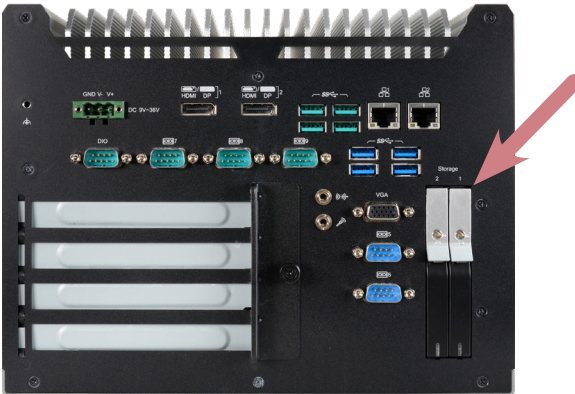
⊙ Inserting a HDD/SDD

The drive bay can be easily accessed witout opening the system.
Before inserting a HDD/SDD, please turn off the system first.
Use the following procedure to install a SATA HDD or SSD to the system:

Step 1:

Locate the drive bay on the front.

Step 2:

Pull the silver latch to unlock the door.

Slide the drive into the slot until the drive is fully seated.
Close the drive latch to lock the drive in place.

Important:

Excessive force may damage its mechanical parts.

If the HDD/SSD is inserted backward into the slot, forcing the device may damage the slot.
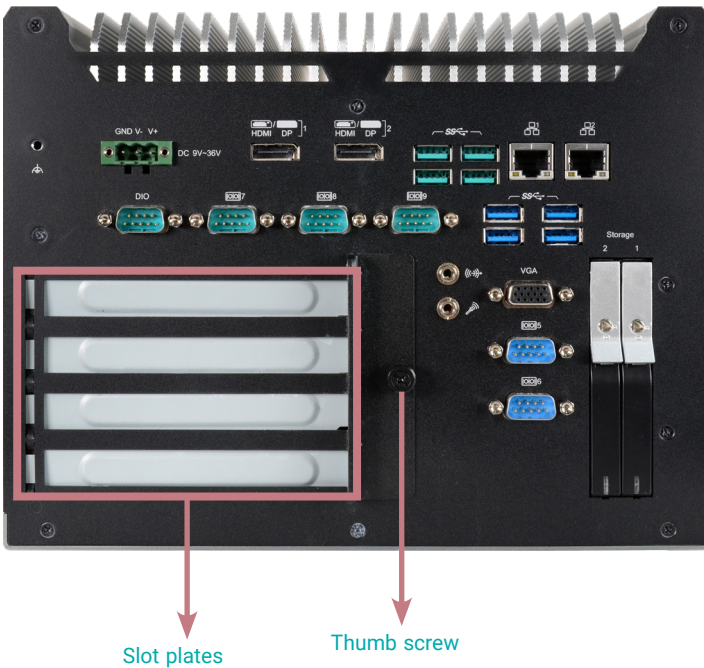
Installing a PCI or PCIe Expansion Card

Please observe the following guidelines and follow the instructions to open the system.

1. Make sure the system and all other peripheral devices connected to it have been powered off.

2. Disconnect all power cords and cables.

Step 1:

PCI and PCIe slots on the riser card inside the system are used to install expansion cards. To install an expansion card, you need to first remove the chassis cover and turn the thumb screw counterclockwise to disassemble the slot plates and bracket.
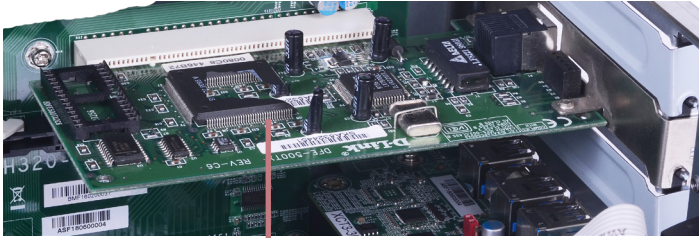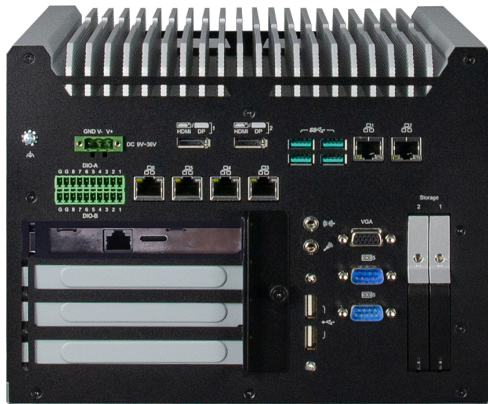

Slot plates

Thumb screw

Note:

Supports up to 200mm in length of standard expansion cards.

Step 2:

Insert the expansion card into a PCI or PCIe slot on the riser card and secure the bracket in place.

PCI card

DFI reserves the right to change the specifications at any time prior to the product's release. This QR may be based on the product's revision. For more documentation and drivers, please visit the download page at www.dfi.com/downloadcenter, or via the QR codes to the right.