

GM841-HPF

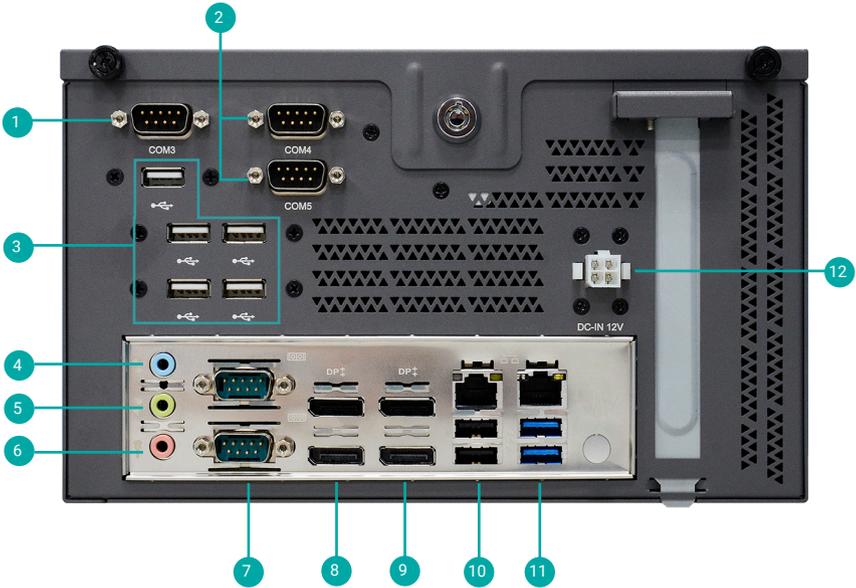
Gaming Embedded System



Package Contents

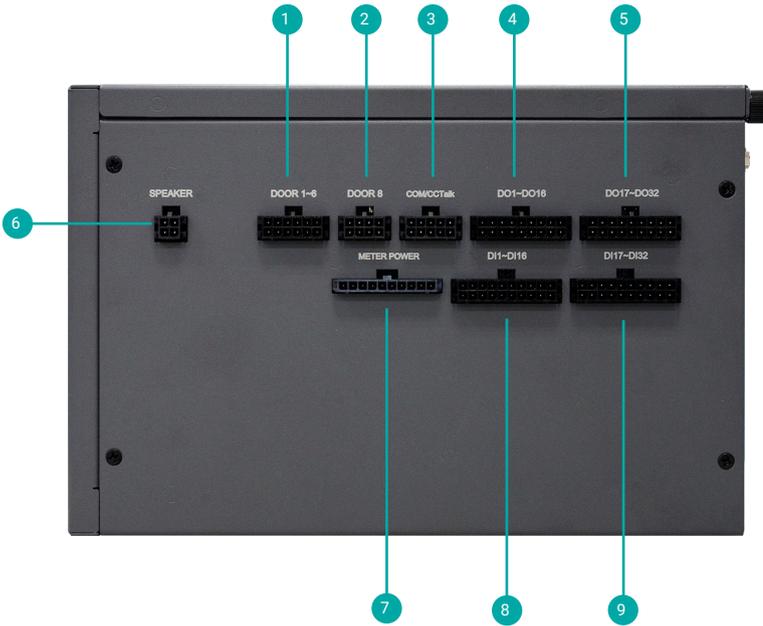
1 x System Unit

Rear View



- | | | | |
|---|------------------|----|------------------------------|
| 1 | COM3 | 7 | ▲ COM1
▼ COM2 |
| 2 | ▲ COM4
▼ COM5 | 8 | ▲ DP1
▼ DP2 |
| 3 | USB2.0 | 9 | ▲ DP3
▼ DP4 |
| 4 | Line-in | 10 | ▲ 2.5G LAN2
▼ USB2.0 |
| 5 | Line-out | 11 | ▲ 2.5G LAN1
▼ USB3.2 Gen2 |
| 6 | MIC-in | 12 | 12V~24V DC IN (4-pin) |

Side View



- | | | | |
|---|-------------|---|-------------|
| 1 | Door1~6 | 6 | Speaker |
| 2 | Door8 & I2C | 7 | Meter Power |
| 3 | COM/CC-Talk | 8 | DI1 ~ DI16 |
| 4 | DO1 ~ DO16 | 9 | DI17~DI32 |
| 5 | DO17~DO32 | | |

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.

Step 1:

Use the key to unlock the chassis.

The 2 thumb screws on the left/right side of the system are used to secure the cover to the chassis. Loosen the thumb screws by turning them counterclockwise.



Step 2:

Slide the cover to open the system.



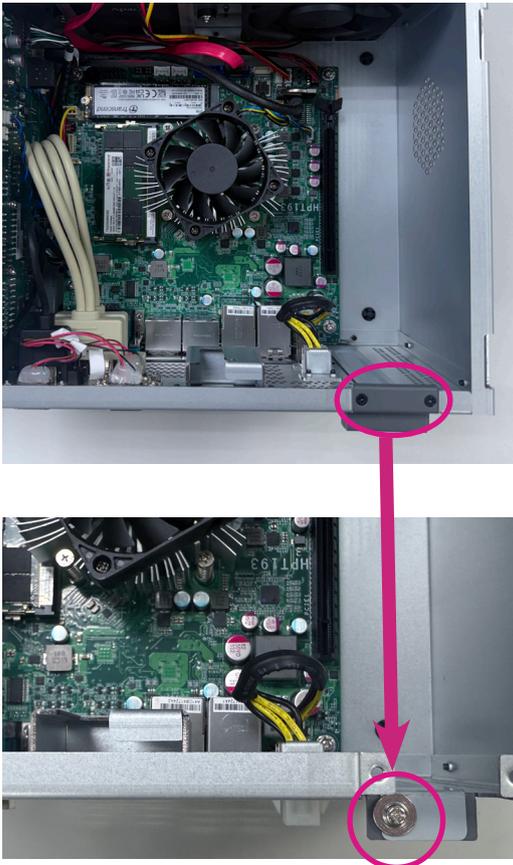
Please observe the following guidelines and follow the instructions to install a PCIe expansion card.

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:

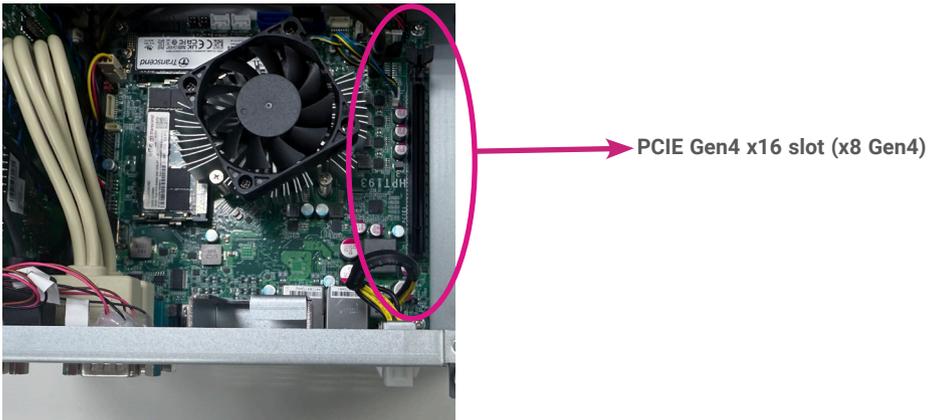
PCIe slot inside the system is used to install expansion cards.

Please unlock the screws circled in red to remove the metal bracket. And then unlock the screw from a slot bracket.



Step 2:

For those screws, please keep them in a safe place for later use.



Note:

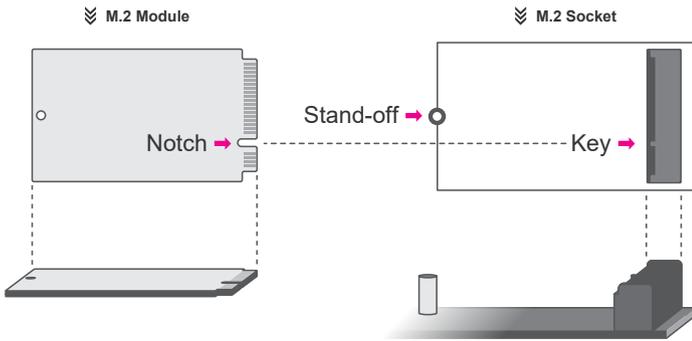
A maximum size of a PCIe card supports up to >170mm (half-length), and 111mm (full-Height).

Installing the M.2 Module

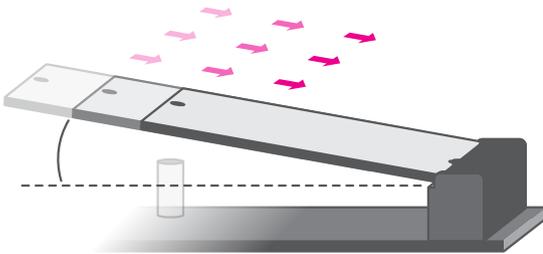
Before installing the M.2 module into the M.2 socket, please make sure that the following safety cautions are well-attended.

1. Make sure the PC and all other peripheral devices connected to it has been powered down.
2. Disconnect all power cords and cables.
3. Locate the M.2 socket on the system board
4. Make sure the notch on card is aligned to the key on the socket.
5. Make sure the standoff screw is removed from the standoff.

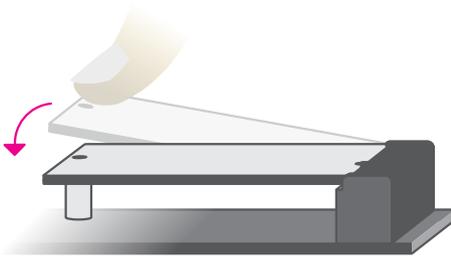




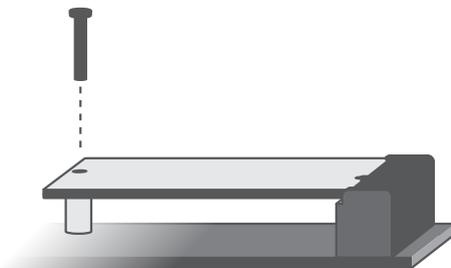
Please follow the steps below to install the card into the socket.



Step 1:
Insert the card into the socket at an angle while making sure the notch and key are perfectly aligned.



Step 2:
Press the end of the card far from the socket down until against the stand-off.



Step 3:
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.



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.

