

**DFI**  
**EC700-ADN Fanless  
Embedded System**



# DFI EC700-ADN Fanless Embedded System Installation Guide

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**DFI**

**DFI EC700-ADN Fanless Embedded System**



## Specifications

- **Model Name:** EC700-ADN, EC710-ADN Fanless Embedded System
- **Package Contents:** Check the user manual for details
- **Front View Features:** COM ports, VGA, Storage LED, Reset Button, Power Button, Antenna Holes
- **Rear View Features:** DC In, LAN1/2 (2.5G), LAN3, USB-C, COM ports, Line Out / Mic In, COM4 / DIO, Grounding, USB3.2 Type A

## Product Usage Instructions

### Removing the Chassis Cover

1. Power off the system and all connected devices.
2. Disconnect all power cords and cables.
3. Remove the screws securing the cover to the chassis and lift up the cover to open the system.
4. Access the boards after the chassis cover is removed.

### Installing an M.2 Card

1. Insert the card into the socket aligning the notch and key properly.
2. Press the end of the card against the stand-off and tighten it with a screwdriver until it lies parallel to the board.

### Installing an Antenna

1. Power down the system and disconnect all power cords and cables.
2. Remove rubber plugs covering antenna holes on the front and back sides of the system.
3. Connect the internal cable to the board's antenna connector, screw on the antenna connector through the antenna hole with washers and nuts, and attach the antenna.

## Models

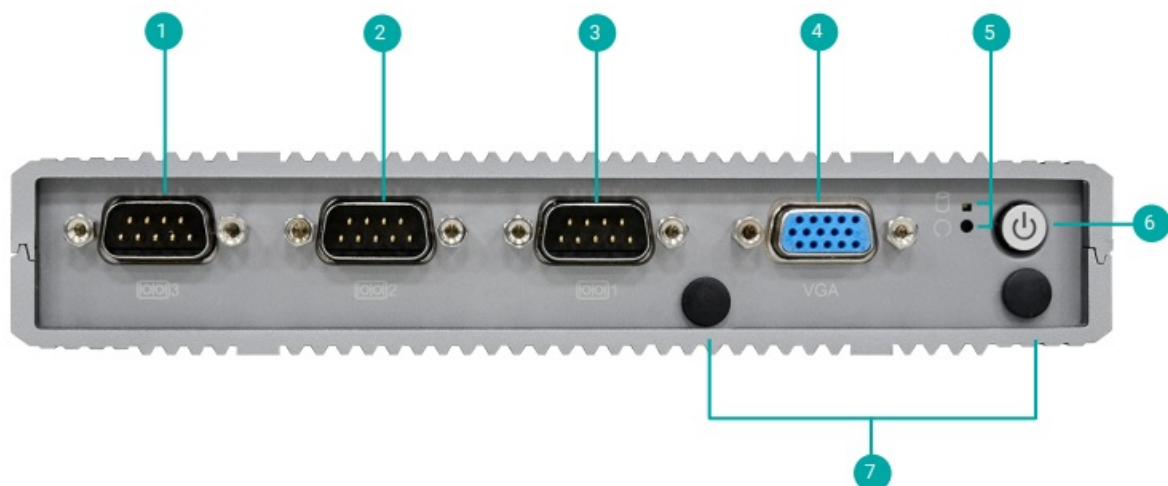


## Package Contents

1 x System Unit

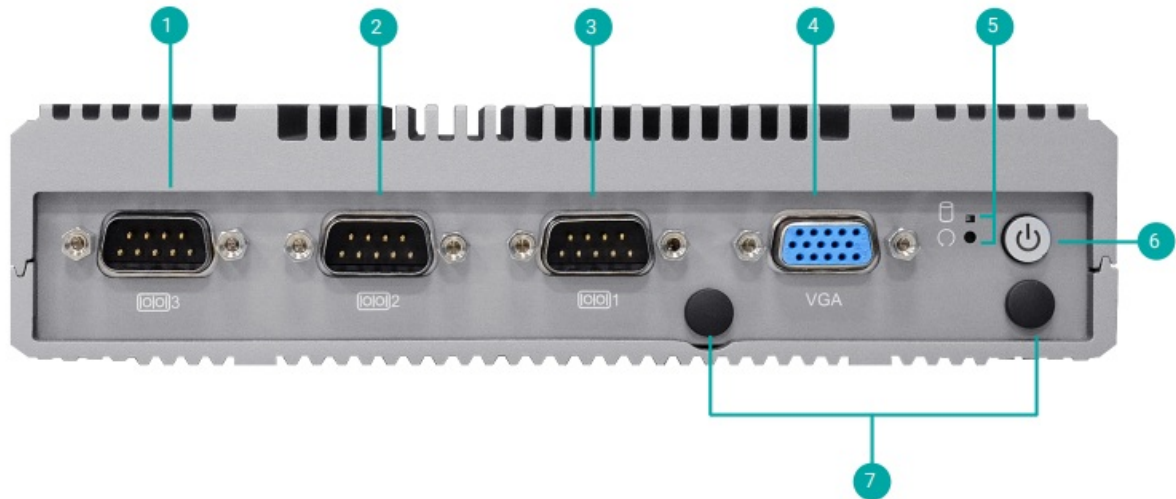
## Product Overview

### X EC700-ADN: Front View



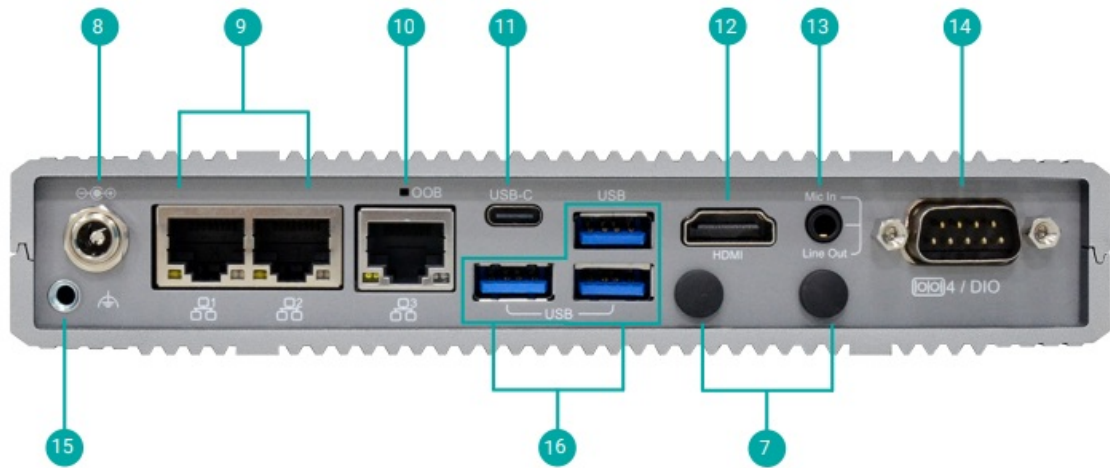
EC710-ADN

## Front View

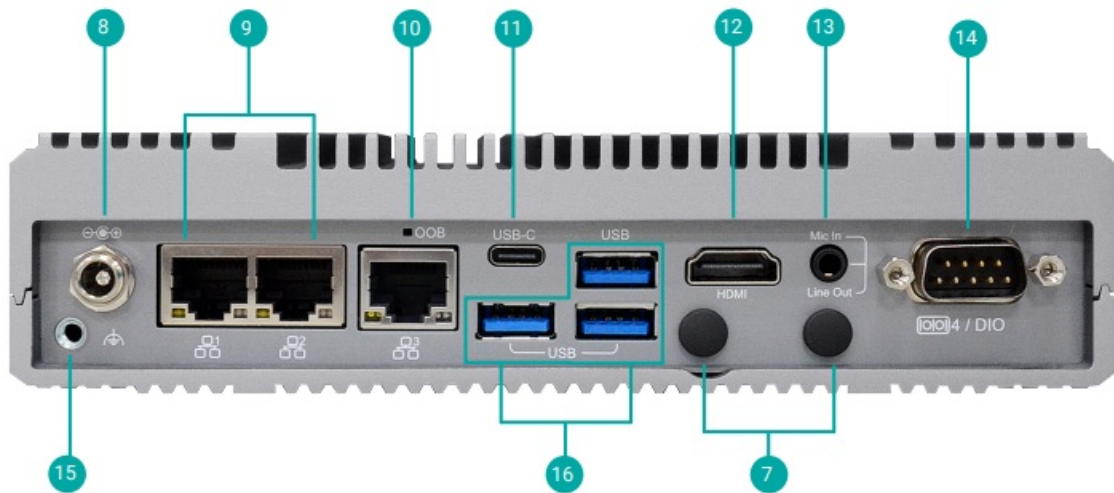


1. COM3
2. COM2
3. COM1
4. VGA
5. ▲ Storage LED  
▼ Reset Button
6. Power Button
7. Antenna Holes
8. DC In
9. LAN1/2 ( 2.5G )
10. LAN3
11. USB-C
12. COM3
13. Line Out / Mic In
14. COM4 / DIO
15. Grounding
16. USB3.2 Type A

## Rear View



## Rear View



## 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:** The 4 screws of the system are used to secure the cover to the chassis. Remove the screws and put them in a safe place for later use.

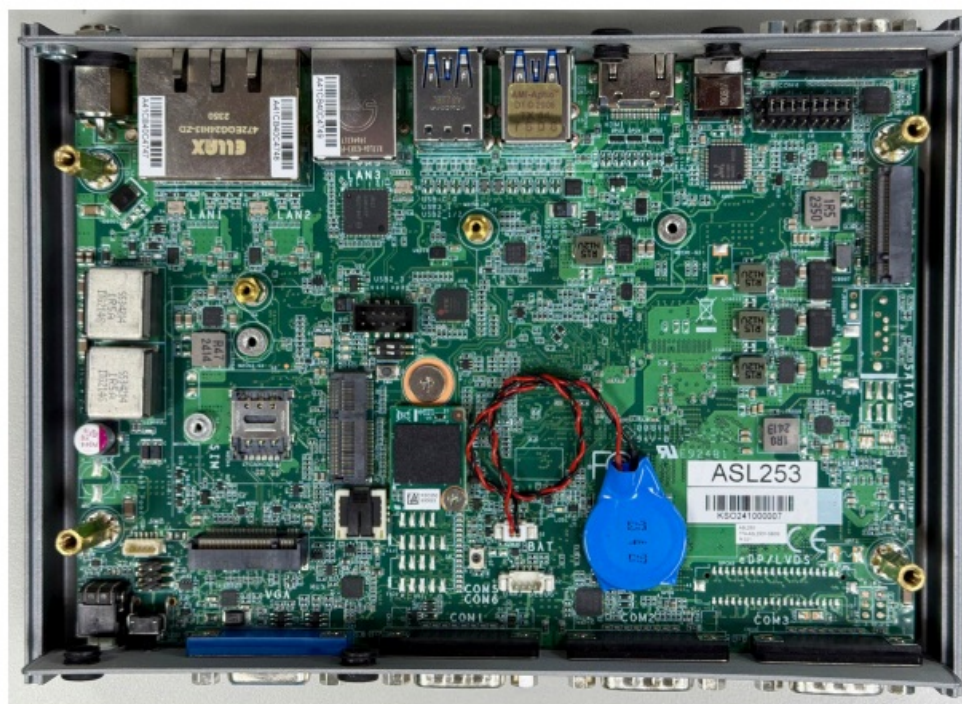




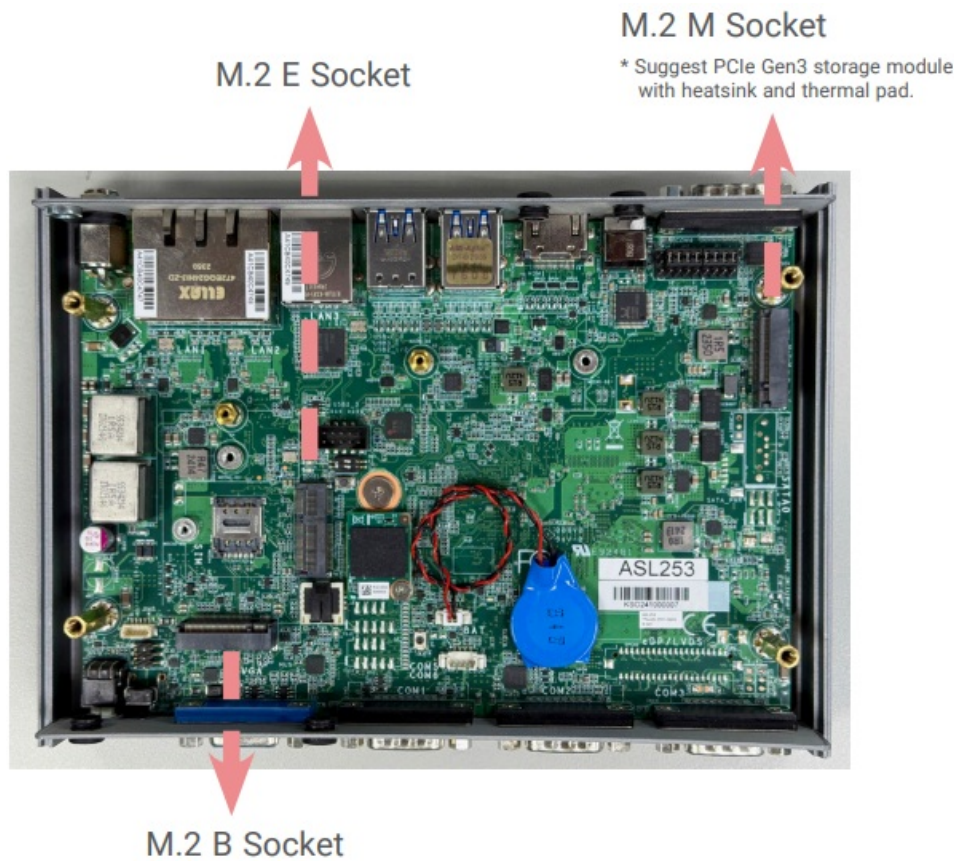
- **Step 2:** Lift up the cover to open the system.



- **Step 3:** The boards can be easily accessed after the chassis cover is removed.

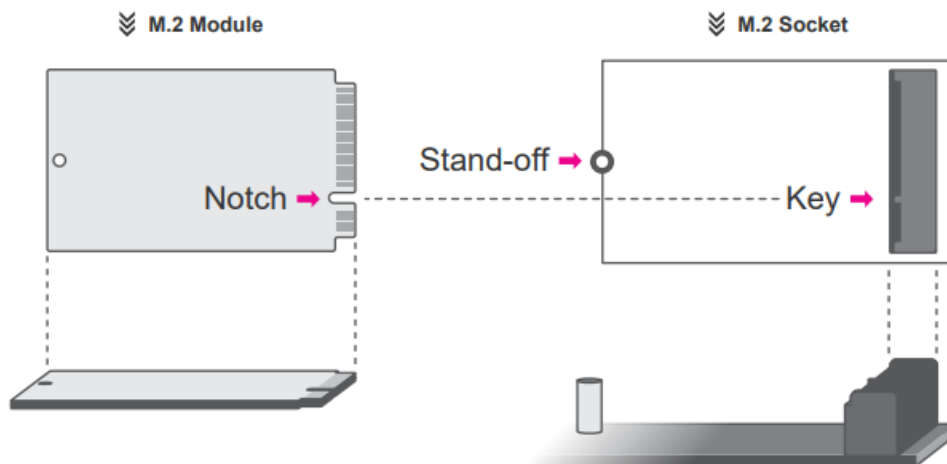


## Installing an M.2 Card

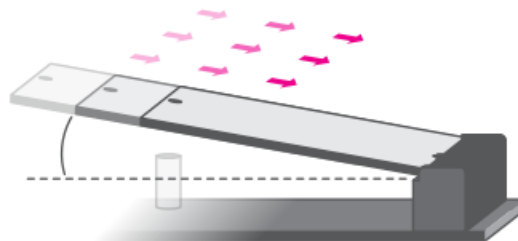


Please follow the steps below to install the card into the socket.

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

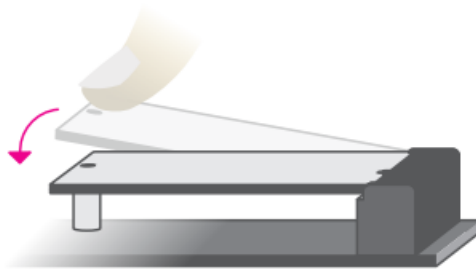


- **Step 2:** Press the end of the card far from the socket down until against the stand-off.



- **Step 3:** Screw tight the card onto the stand-off with a screwdriver 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.



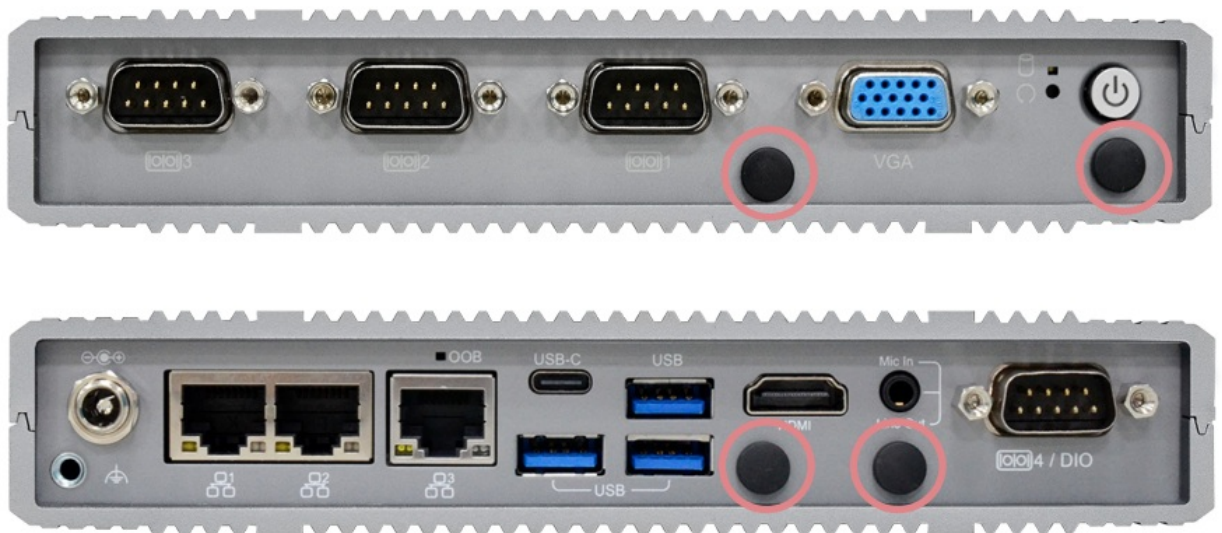


## Installing an Antenna

Before installing the antenna, 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.
- **Step 1:** There are antenna holes reserved on the front and back side of the system and covered by rubber plugs. Please remove the plug prior to installing an antenna.

- **EC700-ADN**

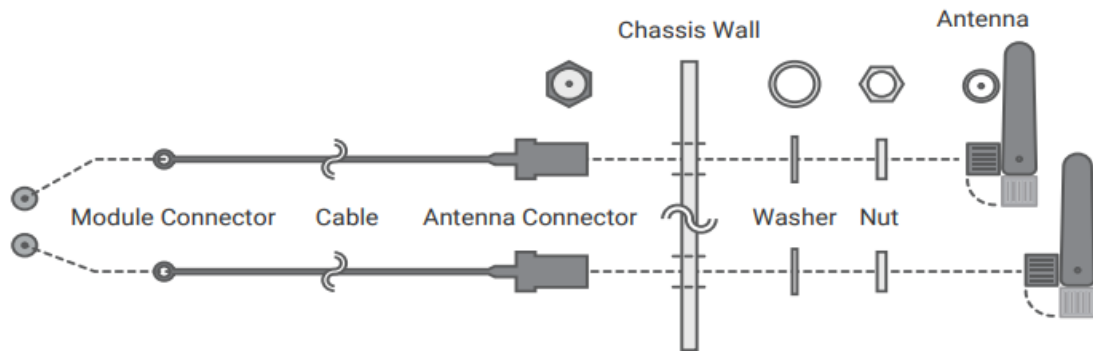


- **EC710-ADN**





- **Step 2: Connect the internal cable to the board's antenna connector, screw the antenna connector through the antenna hole with washers and nuts, and screw on the antenna as illustrated below.**




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](http://www.dfi.com/downloadcenter), or via the QR codes to the right

## FAQ

**Q: Where can I find more documentation and drivers for the product?**

A: Visit the download page at [www.dfi.com/downloadcenter](http://www.dfi.com/downloadcenter) or use the QR codes provided in the manual.

## Documents / Resources

 <p>Quick Installation Guide EC700-ADN/EC710-ADN Fanless Embedded System www.dfi.com</p> <p>Package Contents</p>	<p><b><a href="#">DFI EC700-ADN Fanless Embedded System</a></b> [pdf] Installation Guide EC700-ADN, EC700-ADN Fanless Embedded System, Fanless Embedded System, Embedded System</p>
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## References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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