Quick Installation Guide

DT200-CS

MiniITX System with MXM

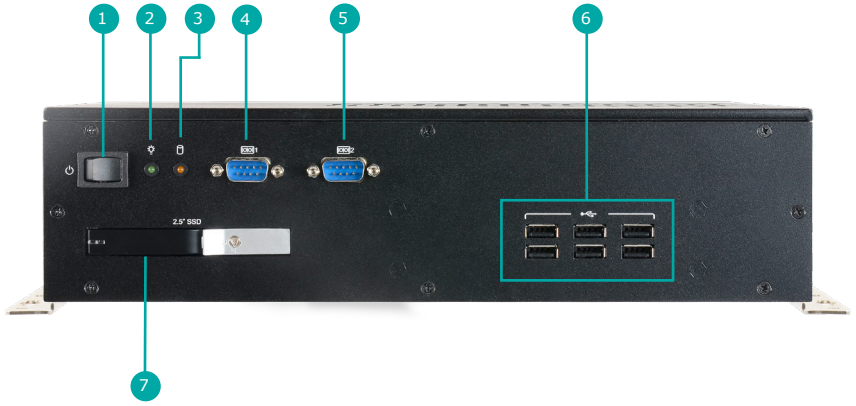
www.dfi.com

Package Contents

• 1 DT200-CS System Unit
• 3 M.2 Slot Screws
• 2 MXM Module Screws
• 1 ADDM UL Battery Addendum
• Thermal Grease(X-23-7783D) Injector 1g

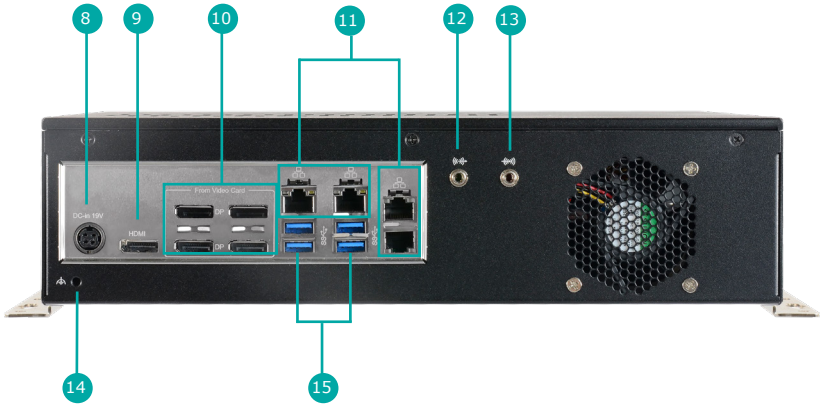
Product Overview

Front View



1	Power Button
2	Power LED
3	HDD LED
4	COM1
5	COM2
6	USB 2.0
7	2.5" SSD Slot

Rear View



8	DC-in	12	MIC-In
9	HDMI	13	Line-Out
10	DP (From MXM)	14	Grounding
11	Giga LAN	15	USB 3.0

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 6 screws on both front and rear sides of the system and the 8 screws on the left and right sides 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.

Front View

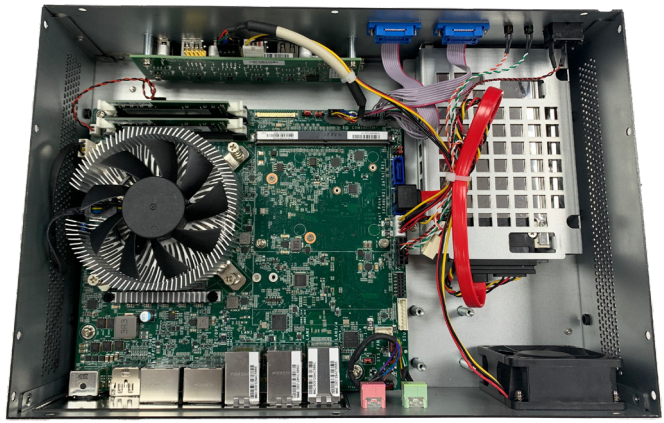
Rear View

Left View

Right View

Step 2:
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

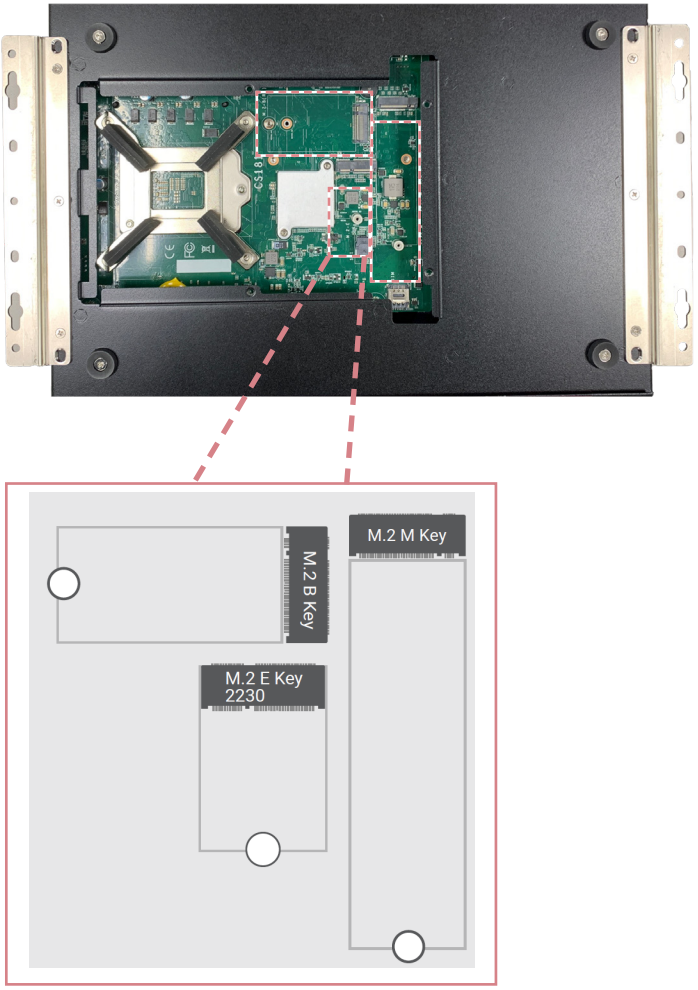
Please observe the following guidelines and follow the instructions to open the system.

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

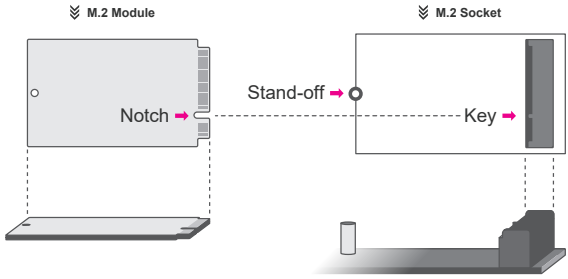
2. Disconnect all power cords and cables.

Step 1:
There are 4 screws on the bottom of the system are used to secure the M.2 cover to the chassis. Remove the screws and put them in a safe place for later use.

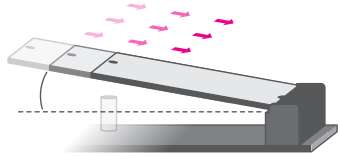
Step 2:
Lift the cover to open the system.



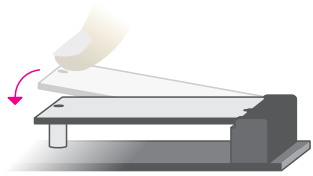
Step 3:
Please follow the steps below to install the card into the socket.
Insert the card into the socket at an angle while making sure the notch and key are perfectly aligned.



Step 4:
Press the end of the card far from the socket down until against the stand-off.



Step 5:
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.



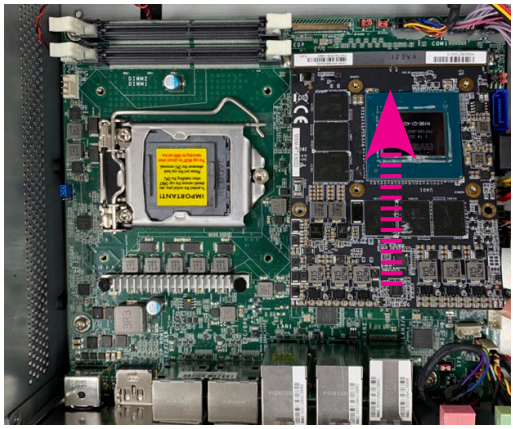
Installing an MXM Card

Before installing an MXM card, please make sure that the following safety cautions are wellattended.

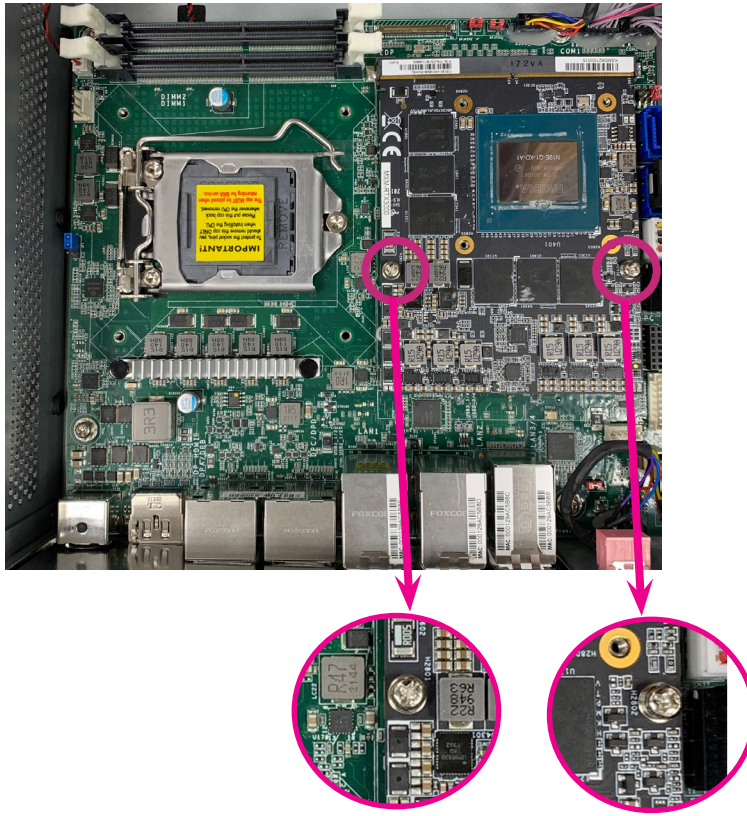
1. Make sure the PC and all other peripheral devices connected to it has been powered down.
2. Disconnect all power cords and cables.

Step 1:
Lift the cover to open the system.
The board can be easily accessed and you will find the location of the MXM card socket.

Step 2:
Please follow the steps below to install an MXM card into the socket.
Insert an MXM card into the socket at an angle while making sure the notch and key are perfectly aligned.



Step 3:
Screw tight the card through the holes with the motherboard to keep it steady until the gap closes up. The card should be lying parallel to the board when it's correctly mounted.



The List of Compactible MXM modules is as follows:

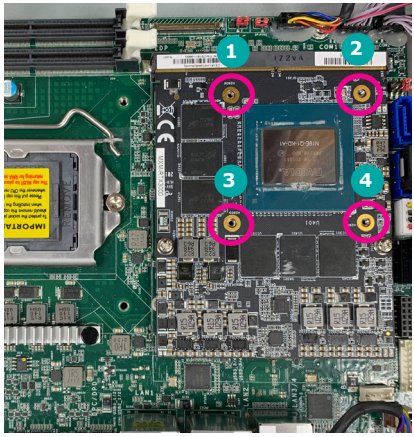
Model	Assignment	Assignment
P1000	512	47W
P2000	768	58W
T1000	896	50W
PTX3000	1920	80W

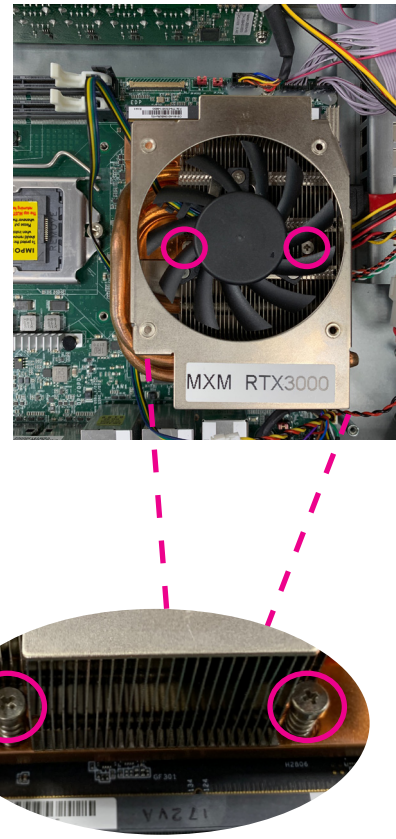
Installing an MXM cooler

Please follow the steps below to attach an MXM cooler to the MXM module.

***An MXM cooler is an optional accessory, customers can purchase it if necessary.**

Step 1:
Align the mounting screws of the cooler with the mounting holes of the module.
Tighten four screws to install the cooler onto the module.





Step 2:
Connect the cable to the fan connector on the board.

The List of Optional items is as follows:

Item Name	Part Number	Description
CPU cooler	A71-103004-000G	For 35W, Height: 37.3mm
	A71-103005-000G	For 65W, Height: 45.3mm
MXM Quadro T1000	612-M3T100-100G	50W, 896 CUDA Cores, 2.6 TFLOPS, 0~55°C
MXM Quadro RTX3000	612-M3T300-000G	80W, 1290 CUDA Cores, 5.4 TFLOPS, 0~55°C
Fan PWR Y-cable for MXM(RTX3000)	A81-009614-016G	1*3P/2.5mm to 1*3P/2.54mm to 1*4P/1.25mm, L=50mm
MXM Cooler	A71-110100-000G	MXM cooler for RTX3000 87x106.35x34 MXM cooler for T1000 73x60x32.1mm

Inserting a 2.5" HDD/SDD

Step 1:
There is a 2.5" HDD/SDD slot on the frong side of the system.

Step 2:
Pull the silver latch to unlock the door.

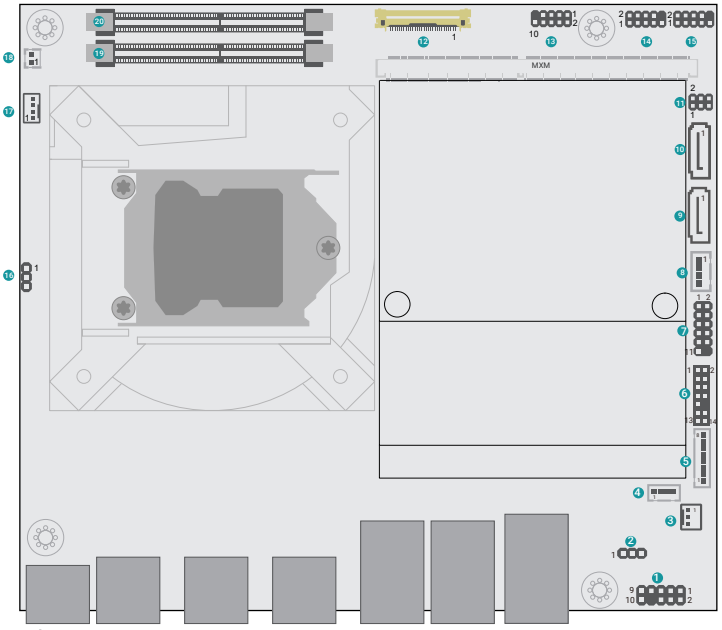
Step 3:
Slide the drive into the slot until the drive is fully seated.
Close the drive latch to lock the drive in place.

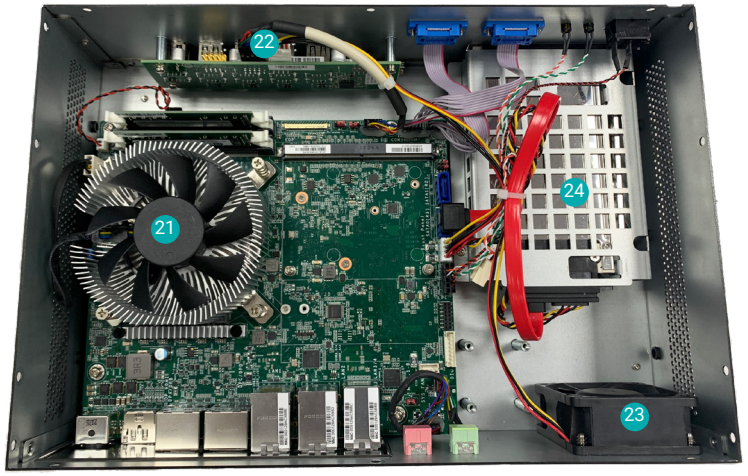
Important:

Excessive force may damage its mechanical parts.

If the HDD/SSD is inserted backward into the slot, forcing the device may damage the slot.

System Layout





1. Front Audio
2. M.2 Power
3. System Fan Power
4. DIO Power
5. DIO
6. LPC
7. Front Panel
8. SATA Power
9. SATA0
10. SATA1
11. LCD Panel Power
12. LCD/eDP
13. USB 2.0
14. COM1
15. COM2
16. Clear CMOS Jumper
17. CPU Fan
18. Battery
19. DIMM1
20. DIMM2
21. CPU Cooler
22. 6x USB 2.0 Hub Riser Card
23. System Fan
24. 2.5" SATA SSD/HDD Tray

Jumper Settings

2 M.2 Power	M2JP204
3V3SB (default)	1-2 On
3V3	2-3 On

16 Clear CMOS Jumper	JP1
Normal (default)	1-2 On
Clear CMOS Data	2-3 On

PIN Assignment

4 ▶ DIO Power

Pin	Assignment
1	12V
2	GND
3	5VSB
4	5V

8 ▶ SATA Power

Pin	Assignment
1	N.C
2	GND
3	GND
4	+5V

17 ▶ CPU Fan

Pin	Assignment
1	Ground
2	12V
3	RPM
4	CTRL

9 10 ▶ SATA (Serial ATA)

Pin	Assignment
1	GND
2	TX+
3	TX-
4	GND
5	RX-
6	RX+
7	GND

5 ▶ DIO

Pin	Assignment	Pin	Assignment
1	D_IOA0_C	2	D_IOA1_C
3	D_IOA2_C	4	D_IOA3_C
5	D_IOA4_C	6	D_IOA5_C
7	D_IOA6_C	8	D_IOA7_C

13 ▶ USB 2.0

Pin	Assignment	Pin	Assignment
1	SBV4	2	SBV4
3	USBP_C_5N	4	USBP_C_6N
5	USBP_C_5P	6	USBP_C_6P
7	GND	8	GND
9	--	10	N.C

14 15 ▶ COM (Serial) Port

Pin	Assignment	Pin	Assignment
1	MDCD1(2)-	2	MRD1(2)
3	MTD1(2)	4	MDTR1(2)-
5	GND	6	MDSR1(2)-
7	MRTS1(2)-	8	MCTS1(2)-
9	MRI1(2)-	10	---

1 ▶ Front Audio

Pin	Assignment	Pin	Assignment
1	Mic2-L	2	GND
3	Mic2-R	4	N.C.
5	Line2-R	6	Mic2-JD
7	GND	8	--
9	Line2-L	10	Line2-JD

7 ▶ Front Panel

	Pin	Assignment		Pin	Assignment
	1	NC	Power/ Standby LED	2	V_SUS_LED
HDD-LED	3	3V3		4	V_SUS_LED
	5	HD_LED		6	SUS_LED
RESET	7	GND	Power Button	8	GND
	9	SYS_RST		10	PWR_BTN-
	11	NC		12	---

6 ▶ LPC

Pin	Assignment	Pin	Assignment
1	CLK	2	LAD1
3	RST#	4	LAD0
5	FRAME#	6	VCC3
7	LAD3	8	GND1
9	LAD2	10	---
11	SERIRQ	12	GND2
13	5VSB	14	5V

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.