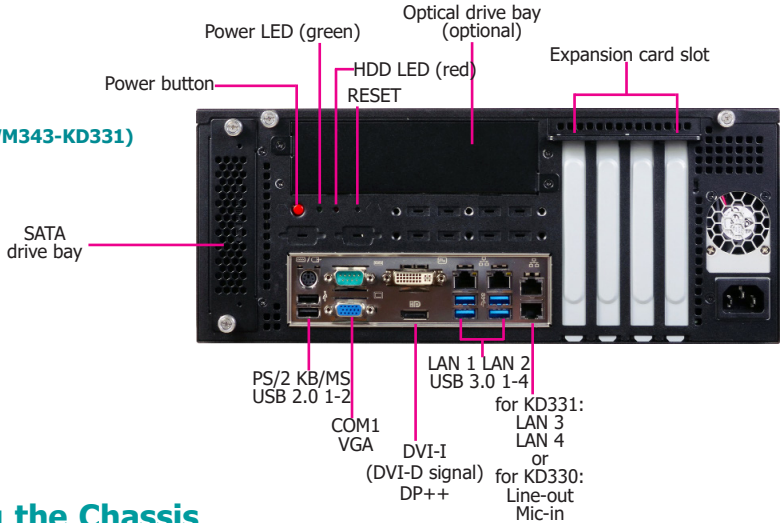# WM343-KD

Package Contents

- One WM343-KD330/WM343-KD331 system unit
- Screw pack and SATA cable for SATA drive installation
- 1 CPU cooler and 1 system fan
- HDD mounting screws

Panel

Rear View
(WM343-KD330/WM343-KD331)

Power LED (green)
Power button
HDD LED (red)
RESET
Optical drive bay (optional)
Expansion card slot
SATA drive bay
PS/2 KB/MS
USB 2.0 1-2
COM1
VGA
DVI-I
(DVI-D signal)
DP++
LAN 1 LAN 2
USB 3.0 1-4
for KD331:
LAN 3
LAN 4
or
for KD330:
Line-out
Mic-in

Opening the Chassis

Please observe the following guidelines and follow the procedure 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.
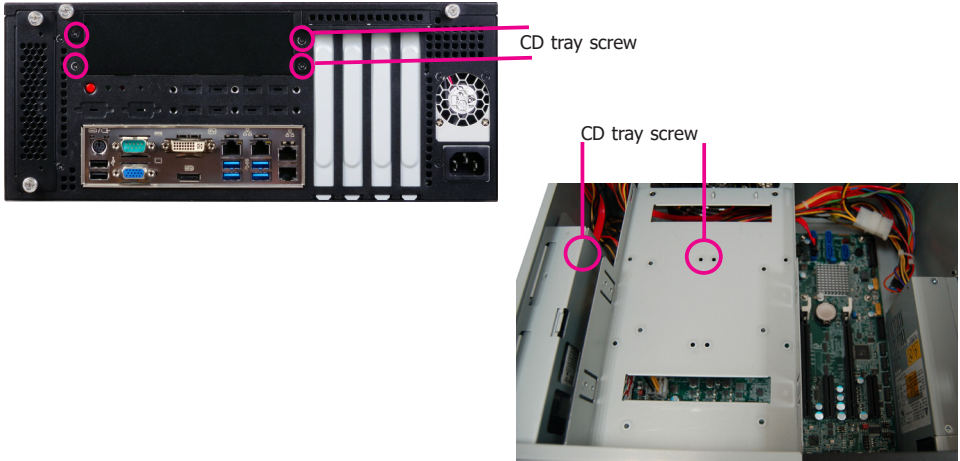3. Remove the top cover by uninstalling the thumb screws.
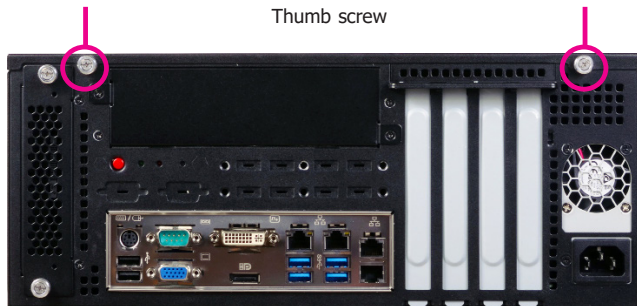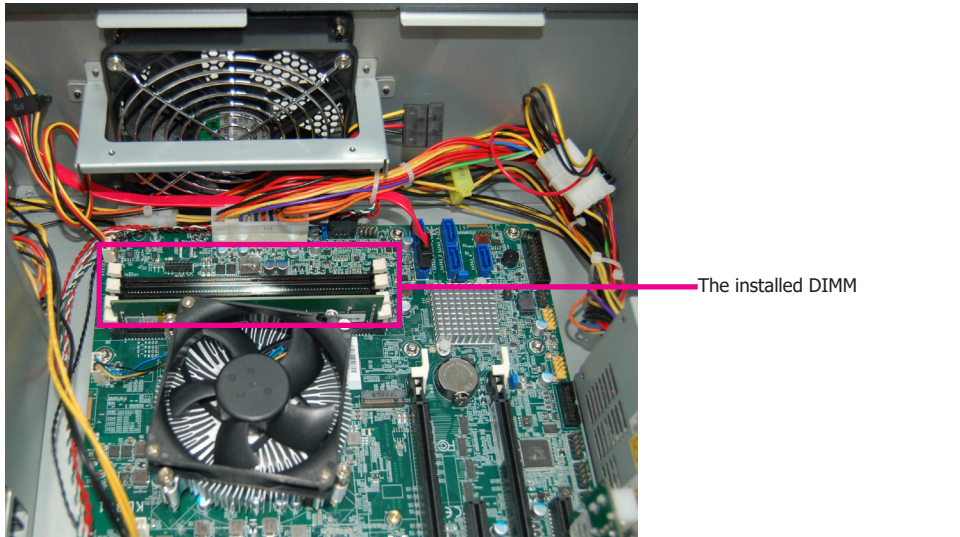
Thumb screw

WM343-KD330 WM343-KD331

Installing a DIMM

To access the DIMM sockets, first remove the CD tray by uninstalling the screws from the rear panel and inside the chassis.

CD tray screw

CD tray screw

To install a DIMM, align the notch on the DIMM with the tab in the DIMM connector. Then press down on the DIMM until the release tabs spring back to secure the DIMM in place.

The installed DIMM

Notes:
1. The WM343-KD330 is equipped with two or four DDR4 (dual channel) sockets depending on the chipset.
2. The WM343-KD331 is equipped with four DDR4 (dual channel) sockets.

Installing a 3.5" or 2.5" SATA Drive

1. Remove the thumb screws that secure the HDD drive bay to the chassis and remove the drive bay.
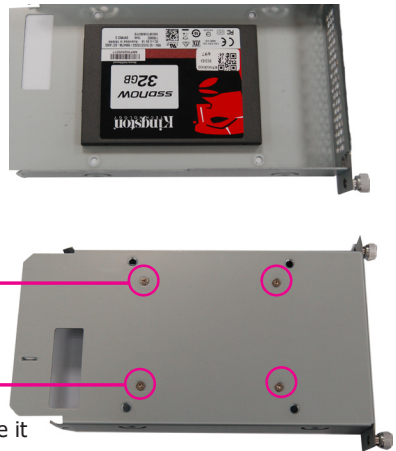
Thumb screw

2. Secure the hard drive to the drive bay. Align the mounting holes on the SATA drive with the mounting holes on the HDD drive bay. Use 4 mounting screws to install the hard drive onto the HDD drive bay.
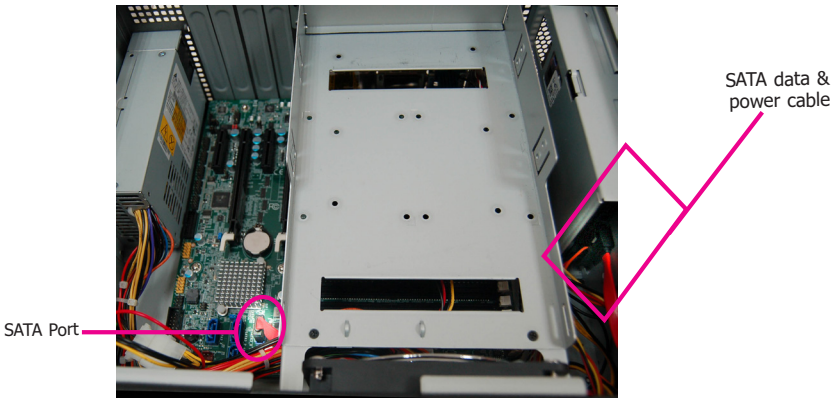
3.5" SATA Drive

2.5" SATA Drive

Mounting screw

Drive bay

Mounting screw

Mounting screw
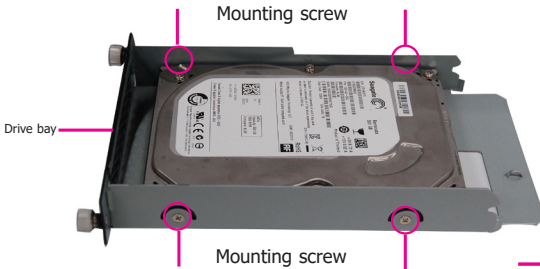
3. Slide the HDD drive bay back to the system and secure it with the thumb screws.

4. Connect the SATA data cable and power cable to the connectors on the SATA drive. And connect the other end of the SATA data cable on the motherboard.

SATA data & power cable

SATA Port

Board Layout and Jumper Settings
(WM343-KD330)

RS232/422/485	JP7 (COM 1) JP11 (COM 2)
RS232 (default)	1-2 On
RS422 Full Duplex	3-4 On
RS485	5-6 On

RS232/422/485	JP8/JP10 (COM 1) JP12/JP13 (COM 2)
RS232 (default)	1-3, 2-4 On
RS422 Full Duplex	3-5, 4-6 On
RS485	3-5, 4-6 On

RS232/Power	JP9 (COM 1) JP14 (COM 2)
RS232 (default)	1-3 (RI), 2-4 (DCD) On
RS232 with power	3-5 (+5V), 4-6 (+12V) On

The following jumper settings are for WM343-KD330 (Intel® Q170) only.

Mini PCIe/mSATA Signal	JP6
Mini PCIe (default)	1-2 On
mSATA	2-3 On

WM343-KD331

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

COM 1/COM 2: RS232 with power/422/485
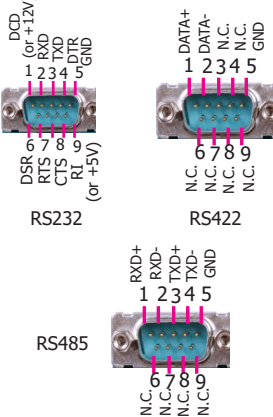
Notes:

1. When COM 1 RS232/422/485 is selected, JP8 and JP10 must be set in accordance to JP7.

2. When COM 2 RS232/422/485 is selected, JP12 and JP13 must be set in accordance to JP11.