



Warranty Information

Cooler Master guarantees that this device is free of defect in material and workmanship, and provides a two-year limited hardware warranty for the device commencing from the date of purchase. Please keep your receipt for proof of purchase.

This product is designed for computer usage only. Using this device in any other capacity voids the warranty. If you are not familiar with computer hardware installation, please ask for professional assistance.

The warranty offered covers normal use. Defect or damage that result from improper operation, storage, misuse or abuse, accident or neglect, which are not the fault of Cooler Master, are exclude from warranty coverage.

Note: the warranty is voided by removal or alternation of product or parts identification labels.

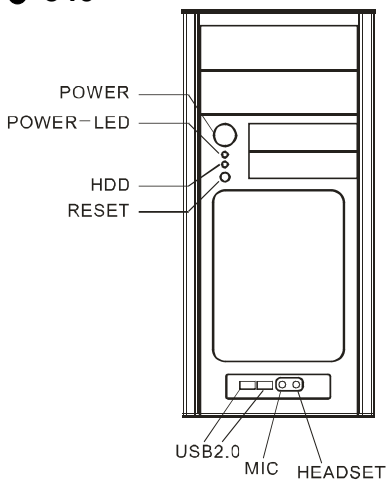
Chapter 1: Product Overview

Specifications:

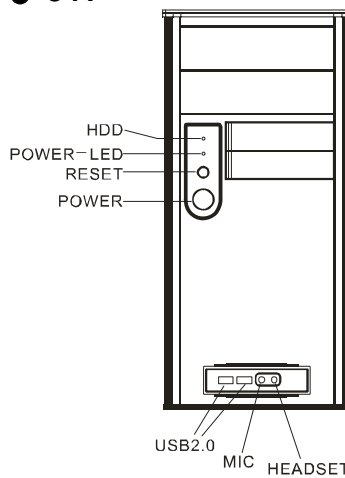
Available Color	Silver/Black
Dimensions	L420 x W180 x H390 mm
Weight	7 kg
Material	Aluminum bezel, SECC chassis
M/B Type	m-ATX 9.6"* 9.6" (244*244mm)
5.25" Drive Bay	2 (Exposed)
3.5" Drive Bay	2 (Exposed); 2 (Hidden)
Cooling System	One 120x120x25mm front fan (Intake) (Option) Dual 80x80x25mm rear fan (Exhaust)(Option)
I/O Panel	USB2.0 x 2; MIC x 1; SPK x 1
Power Supply	Standard ATX PS2, 380W support LGA775(option)

The installation process of Chassis 540 and 541 are the same. 540 and 541 have the same casing, but the front panel designs are different.

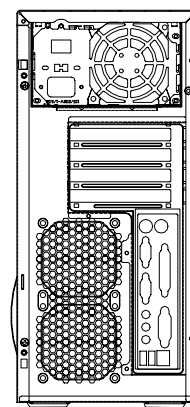
● 540



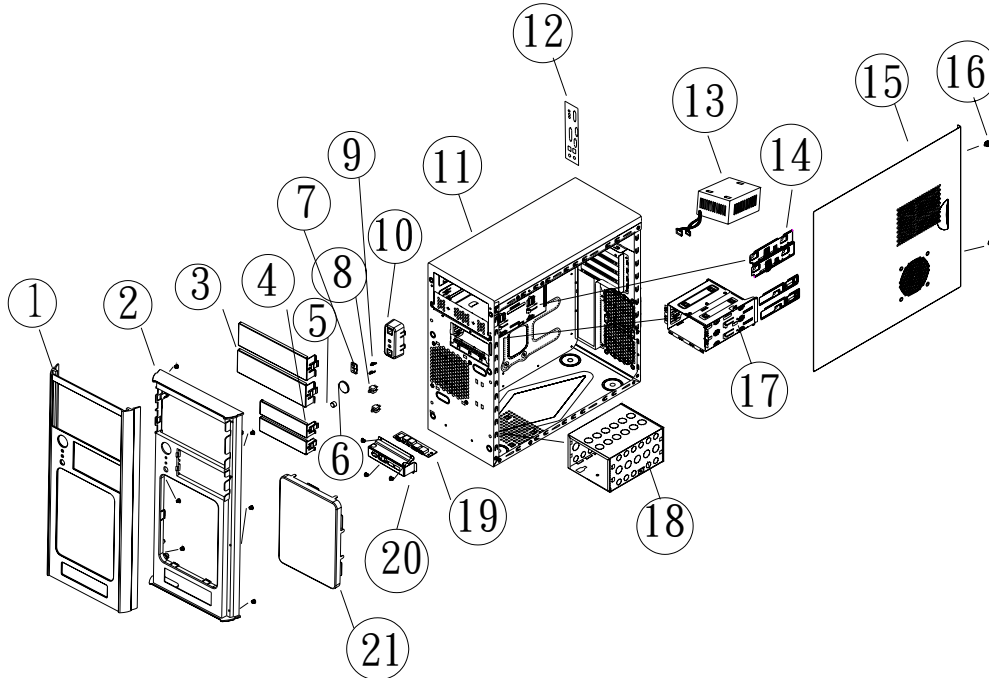
● 541



● Rear



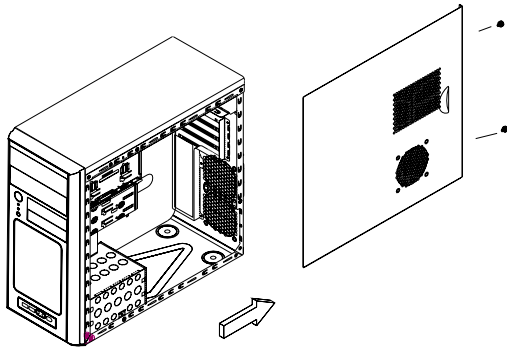
Specifications and Parts List



Item	Parts	Q	Item	Parts	Q
1	Aluminum Panel	1	12	IO panel	1
2	Plastic Panel	1	13	Power (option)	1
3	5.25 shield	2	14	Screwless device	4
4	3.25 shield	2	15	Side Panel	1
5	Reset Button	1	16	Screw (side panel)	2
6	Power Button	1	17	3.5" Rack	1
7	Light Pipe	1	18	HDD Rack	1
8	Switch Board	2	19	USB Board	1
9	LED Indicator	2	20	USB Rack	1
10	Light Rack	1	21	Fan Filter	1
11	Casing	1			

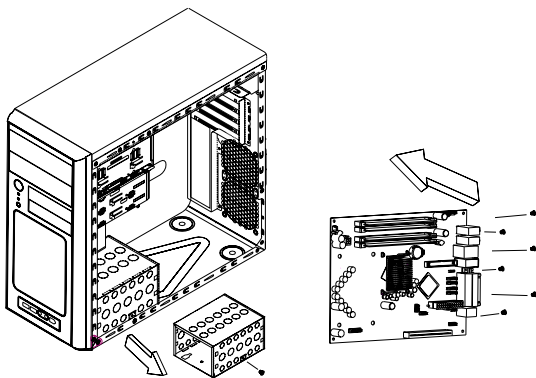
Chapter 2: Installation

Removing the Side Panel



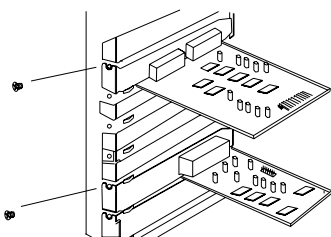
1. Remove 2 manual screws and slide the side panel backward to remove it.
2. Install it by reversing the above step.

Installing the Motherboard



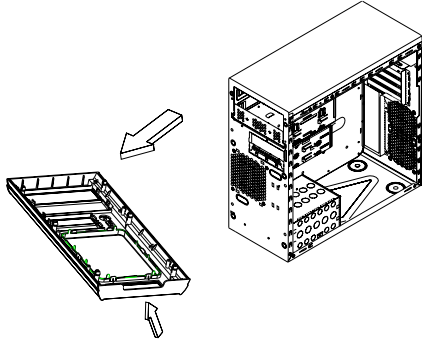
1. Remove the side panel.
2. Remove the screws on the HDD Rack and slide the HDD Rack backwards to remove it.
3. Lie down the casing.
4. Secure the copper post to the motherboard aligning holes on the casing.
5. Align the holes on motherboard and casing and secure them with screws.

Installing the Add-on Card

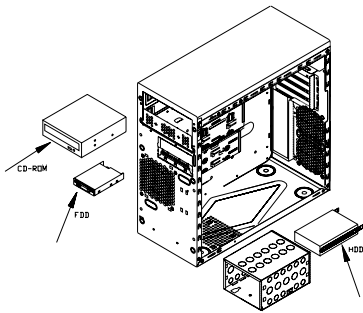


1. Remove the corresponding Interface shield.
2. Install the desired add-on card.
3. Secure with screws.

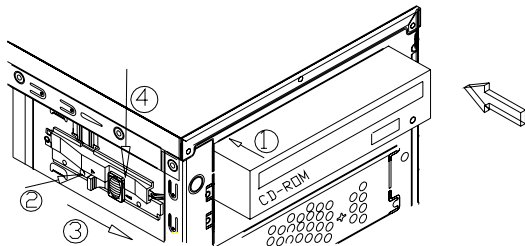
Installing the CD-ROM, FDD and HDD



1. Remove the side panel.
2. Hands on where is indicated by an arrow and exert some force to remove the front panel.
3. Remove the shields on the CD-ROM and FDD from the front panel.

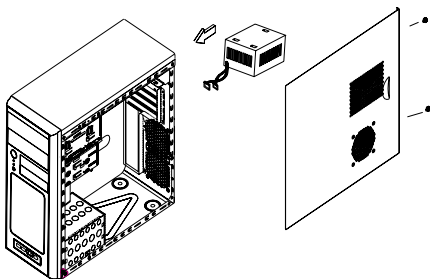


1. Remove the HDD Rack.
2. Get the HDD rails from the package and Install it on the HDD and have the screw holes aligned.
3. Insert the assembled HDD into the HDD Rack.
4. Push the HDD Rack forward and secure it with screws. The HDD installation is done.



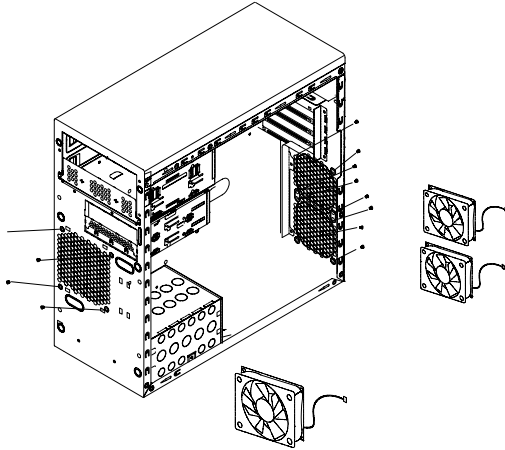
1. Install the CD-ROM and FDD into the 5.25" and 3.5" slot respectively.
2. Locate the HDD device in place, and align its screw holes with the rack's.
3. Push forward the plastic handling and tightening it.
4. Push the lock and the installation is done.

Installing the Power Device



1. Remove the side panel.
2. Place the power device on the rack with the cable part facing forward.
3. Secure the power device with screws.
4. Put back the side panel and the installation is completed.

Replacing/Installing Fans



Replacing/Installing the front fan

1. Remove the side and front panel
2. Remove the fan screws on the front and displace the fan.
3. Replace with the new fan and secure it with screws. The replacement is completed.

Replacing/ Installing rear fans

1. Remove the side panel.
2. Remove the fan screws on the rear and displace the fan.
3. Replace with new fans and secure them with screws. The replacement is completed.

I/O Function Panel Installation Guide

- Please refer to the illustration on the section of USB2.0 and Audio connector from the motherboard user's manual. Please select the motherboard which used the same USB2.0, AC'97 standard as below; otherwise, it will cause damages to user's device(s).
- The following illustration is a connection diagram for the front panel I/O cable.
- ~~NEVER connect a USB2.0 cable to the IEEE1394 connector. Doing so will damage the device.~~
- On some motherboards, the connectors for USB2.0 and Audio are not the same as the drawing below. Please check with your motherboard manual before installing.

Motherboard	Cable
Front panel USB connector 	USB connector
AC'97 	AC'97 Connector
Azalia (Intel High Definition Audio) 	HD Connector

Appendix

Screw	Model	Number
	40-1	40 pcs
	40-2	4 pcs
	40-3	4 pcs
	40-4	16 pcs
	40-15	4 pcs
	40-16	20 pcs