

CIARA

Disassembly guide CIARA Kronos 540-G3



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CIARA Kronos 540-G3 disassembly guide

IMPORTANT NOTE

Before proceeding to disassemble your system, CIARA strongly recommends that you remove all your data from the system. To do this, proceed as follows:

Reboot the system and press and hold shift key while rebooting.

Windows will prompt you to restore the OS with TWO (2) options:

- 1- Keep data (the user will be asked to connect a USB Hard Drive to move his data to it)
- 2- Remove all data (which will remove all user data but it will keep the OS)

Just about every part of the CIARA Kronos 540-G3 is recyclable. This guide will show you how to disassemble the following various parts in order to bring them to a recycler:

1. Casing and FPIO
2. Power supply
3. Casing fan
4. Motherboard
5. Motherboard battery
6. Hard disk drive or SSD
7. Optical drive
8. Memory
9. Processor
10. Video controller
11. Power cord

All these components are subject to the EU. Directive 2012/19/EU WEEE Directive, Annex VII and must be treated by the recycler in compliance with the Directive.

Item description	Quantity of components included in the product	PC board that is greater than 10 cm ² (Quantity)
Casing and FPIO	1	Yes (1)
Power supply	1	Yes (1)
Casing fans	3	N/A
Motherboard	1	Yes (1)
Motherboard battery	1	N/A
Hard disk drive or SSD	1	Yes (1)
Optical drive	1	Yes (1)
Memory	2	Yes (2)
Processor	1	N/A
Discrete video controller	1	Yes (1)
External electrical cable	1	N/A

Note : There are no plastics with brominated flame retardants in the components.

1. Kronos 540-G3 Casing and FPIO

Recyclable, ROHS compliant, ABS bezel and SGCC metal sheet

The front bezel can be removed manually, toolless by pulling outwards.



Front filters can be removed by sliding them to the left.



The filter can be removed from the top by removing the grille and lifting the filter.



To remove the side panels, simply unscrew the four thumb screws and pull the panels backwards.



To remove the feet, unscrew the four screws.

2. Kronos 540-G3 Power supply



To remove the power supply unit, first remove the cage by unscrewing this screw.

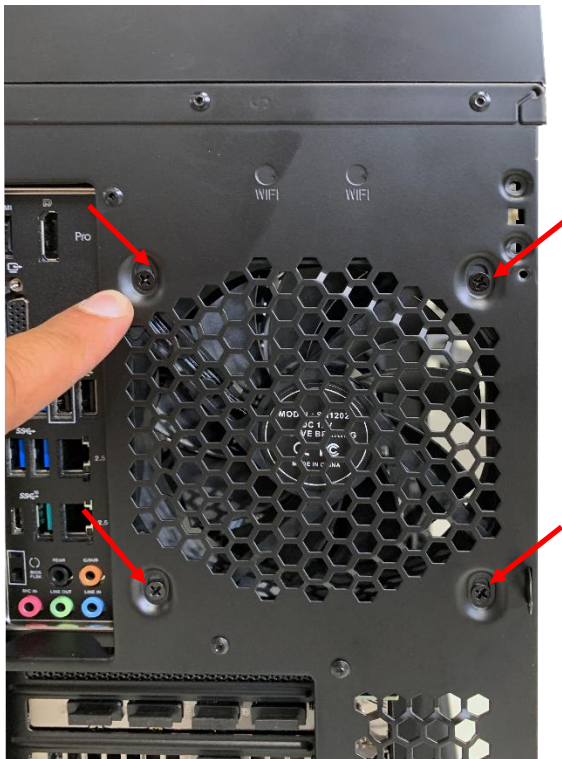


To remove the power supply, unscrew these 4 screws, then unplug all cables.

3. Casing fans

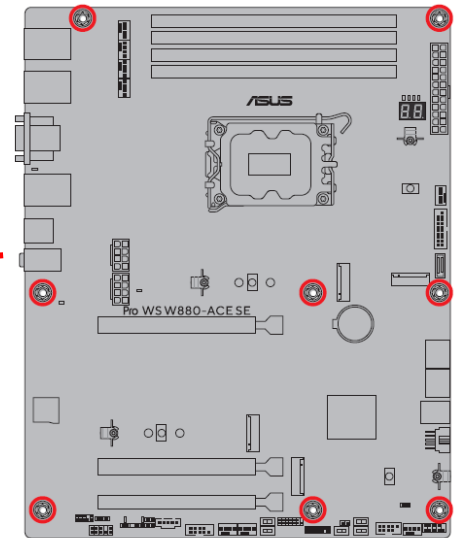


To remove the front casing fans,
unscrew these 8 screws.



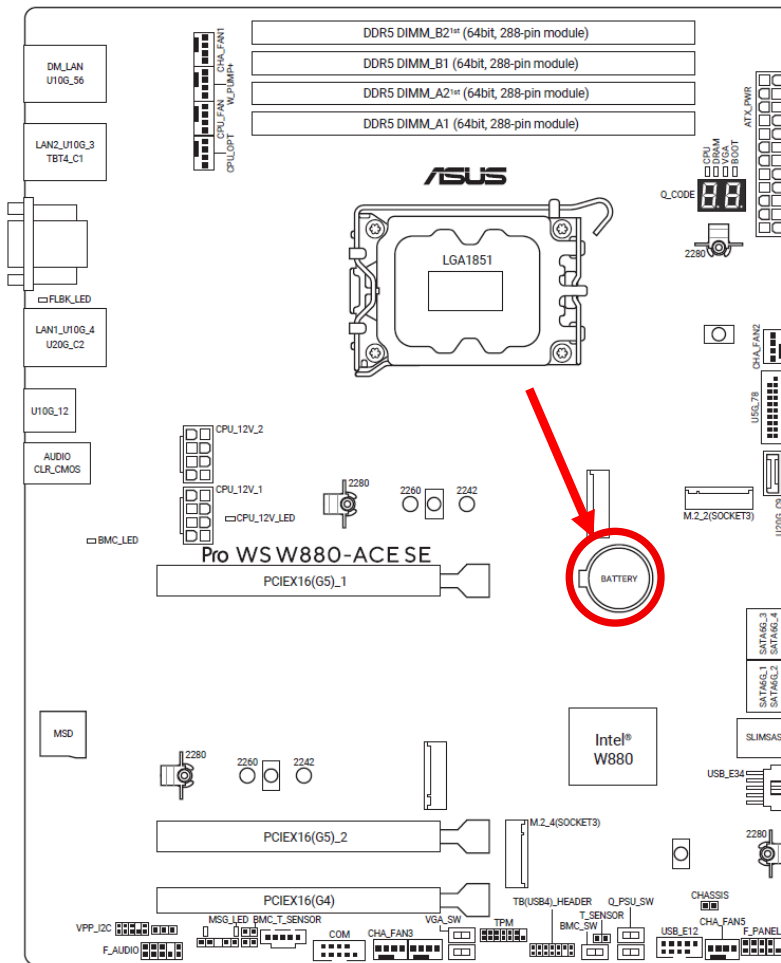
To remove the rear casing fan,
unscrew these 4 screws.

4. Kronos 540-G3 Motherboard



To remove the motherboard,
unscrew these 8 screws.

5. Motherboard battery



The motherboard battery requires selective treatment per EU WEEE Directive Annex VII.

The motherboard CR2032 battery is popped in and popped out by hand. No special tools are required to install/disinstall this component.

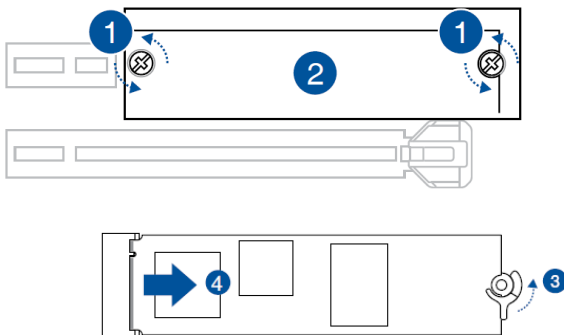
6. Kronos 540-G3 Hard disk drive or SSD



To remove the 3.5" hard disk, simply pull out the disk holder.



To remove the 2.5" HDD or SSD, pull out the disk holder and unscrew the HDD or SSD.



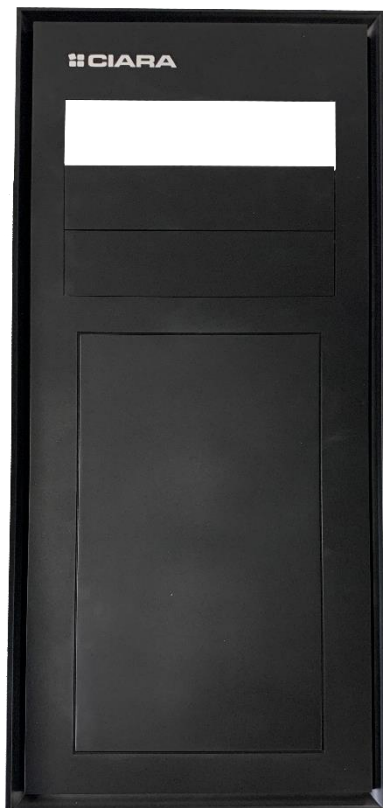
To remove the M.2 SSD, simply unscrew the screws from the heatsink and remove it. Then turn the Q latch counterclockwise, lift the disk and remove it from the slot.

7. Kronos 540-G3 Optical drive



Here is the front bezel of the Kronos 540 G2.

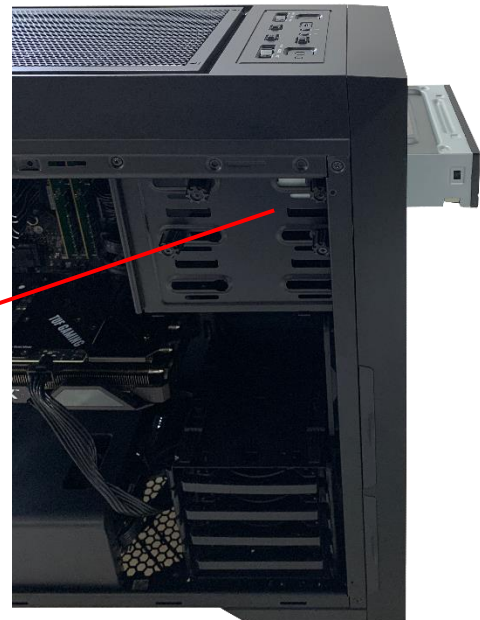
Here is the optical drive bay cover, once removed:



To insert an optical drive in the system, remove the optical drive bay cover, push it out from the inside. This will be the result :

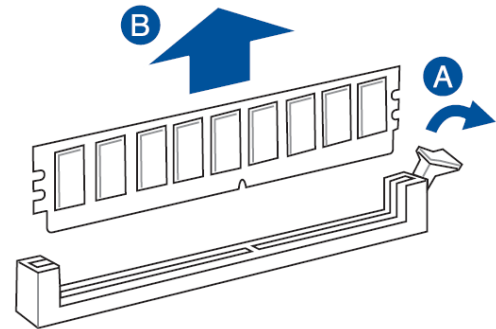


This is the optical drive bay cover, once removed.



Once the optical drive bay cover is removed, insert the optical drive and tighten the two thumb screws. Reverse the maneuver when removing the optical drive.

8. Kronos 540-G3 Memory

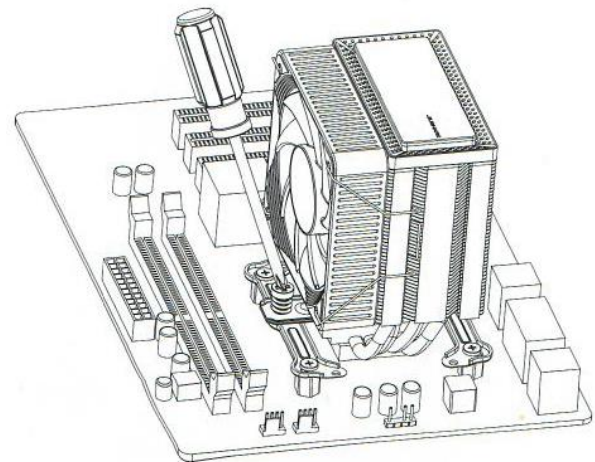
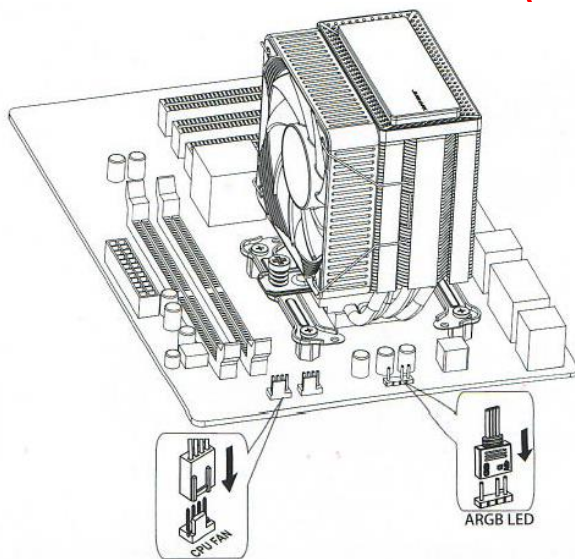


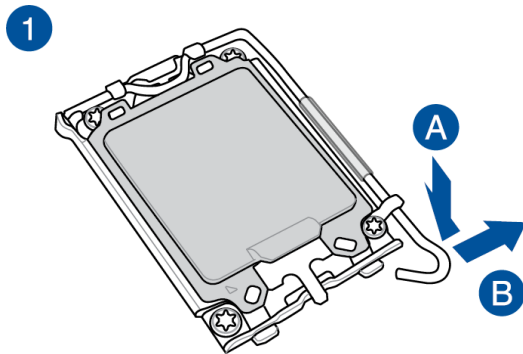
To remove a memory module, first remove the cooling system, then flip the latch and remove the module. (See cooling system removal procedure below.)

9. Kronos 540-G3 Processor

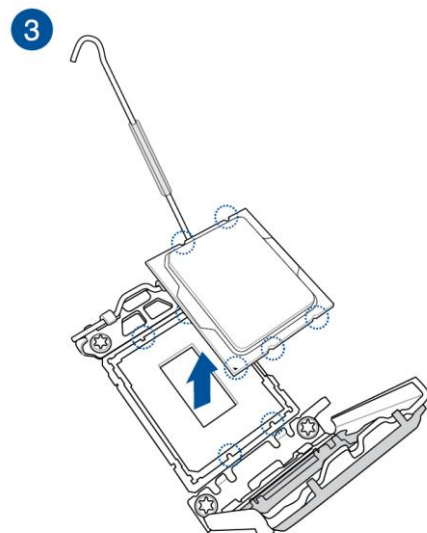
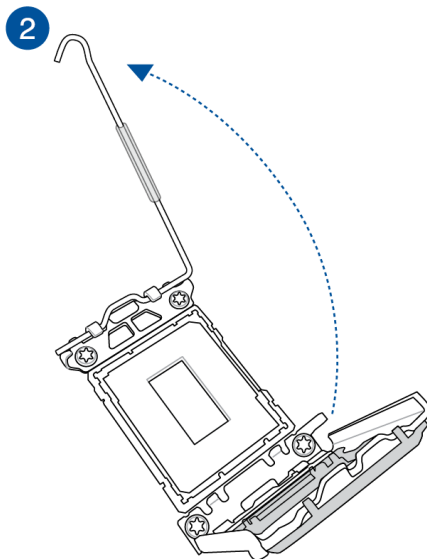


To remove the processor, you must first remove the cooling system.





To remove the processor, release the lever, lift the cover and remove the processor.



10. Video controller



To remove the video controller, unscrew the retaining screws. Then pull to remove the controller.

11. Power Cord



The power cord requires selective treatment per EU WEEE Directive Annex VII.