

ACTINA MINI NUC Computers, SFF - Disposal Instructions

Purpose of the manual:

This manual is designed for use by waste processing plants. It offers the basic disassembly instructions for ACTINA products and notes on disposal of components and materials which need separate processing, as specified in Directive 2002/96/EC on waste electrical and electronic equipment.

List of materials that require separate processing

Type	Remarks	Quantity
Printed circuit boards	Larger than 10 cm ²	3 (2 if without additional video card)
Batteries	All types, including button cells	1
Capacitors, diameter >25 mm	Inside power unit	1
External wiring and cables	Power cable	1

1. Tools required

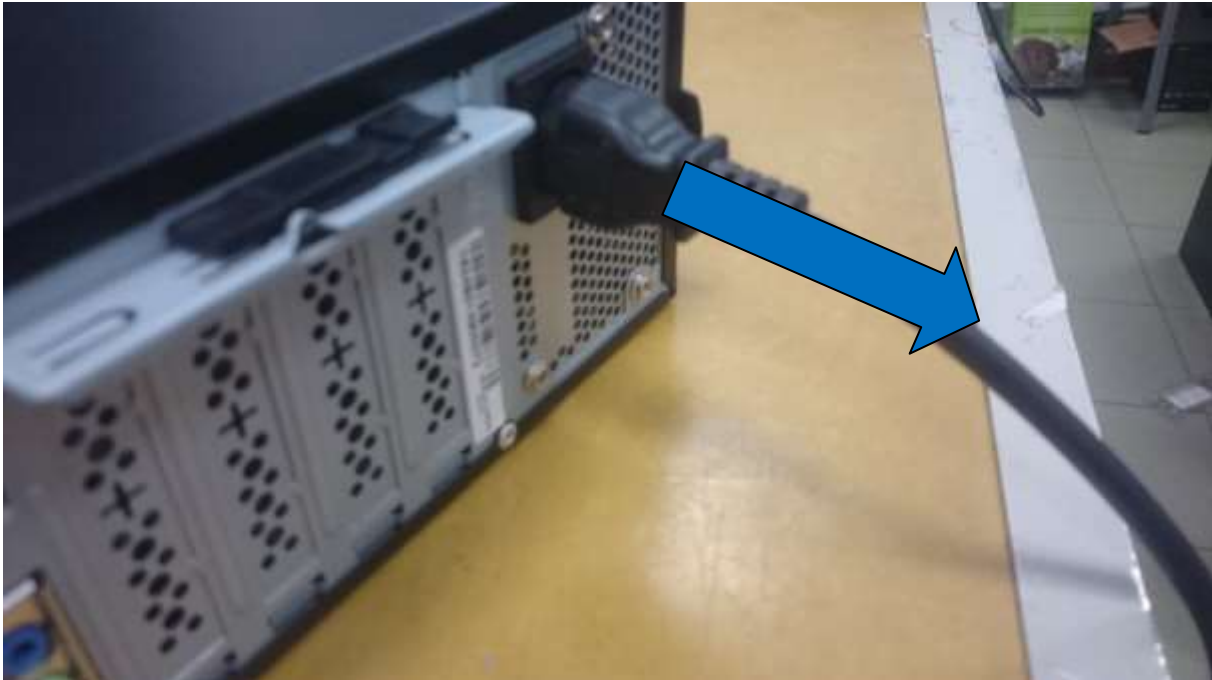


1.1 PH2 Phillips screwdriver

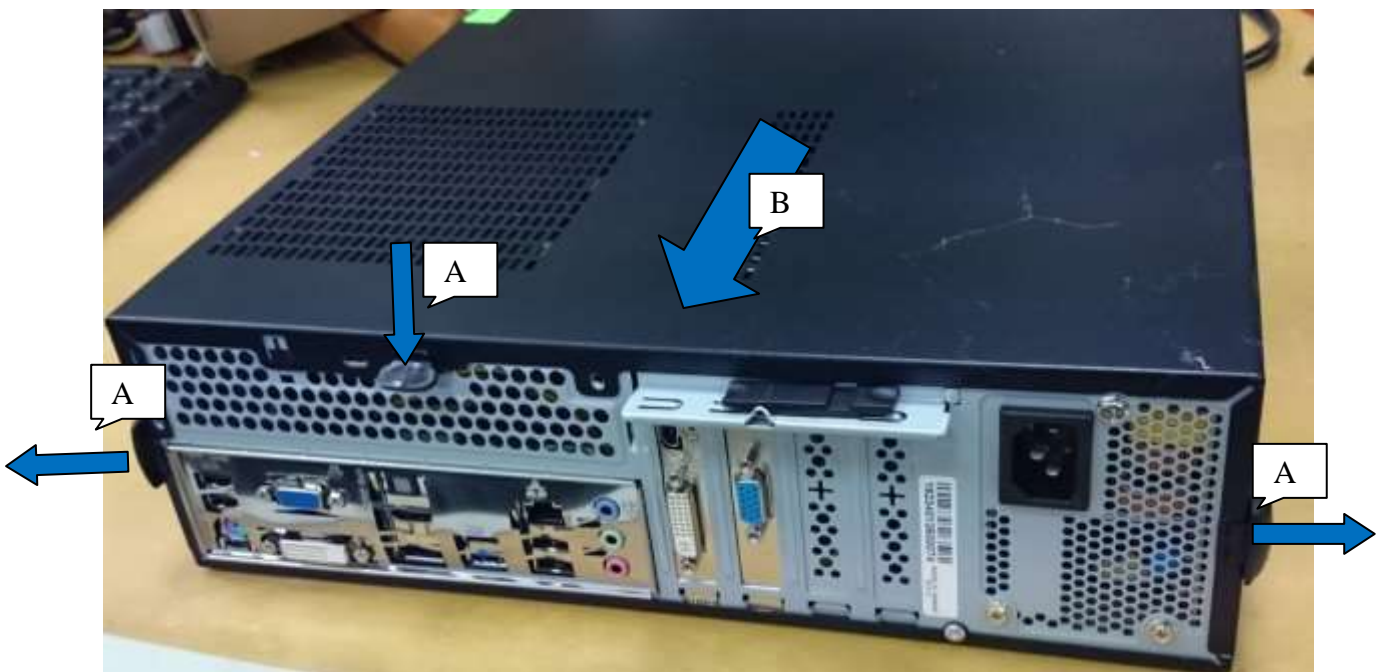
1.2 Diagonal cutting pliers

2. Disconnecting the power cable

2.1 Pull the plug in the direction shown by the arrow to disconnect the power cable.



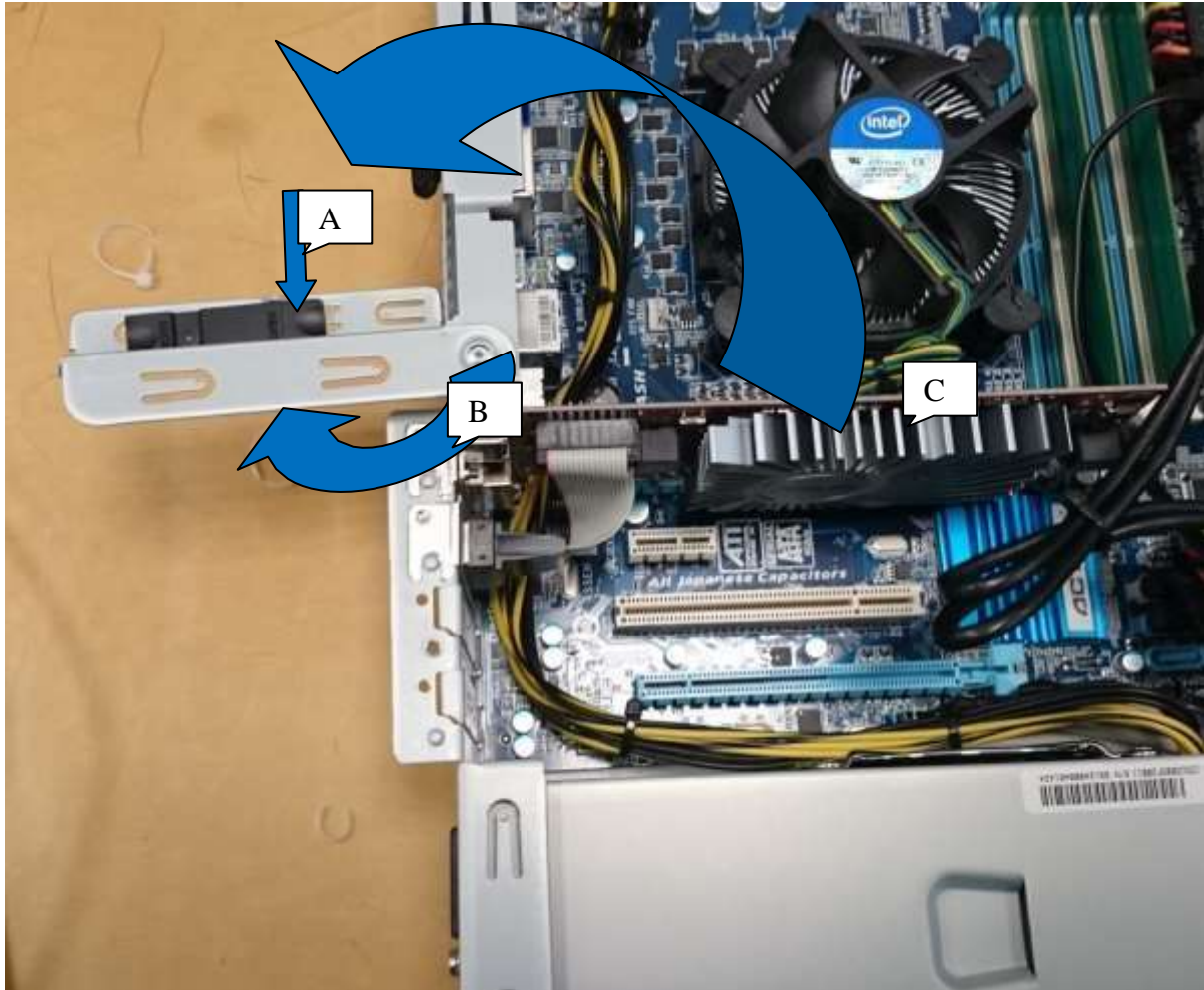
3. Opening case



3.1 Unlock latches A

3.2 Slide the case cover according to arrow B

4. Removing video card (option)

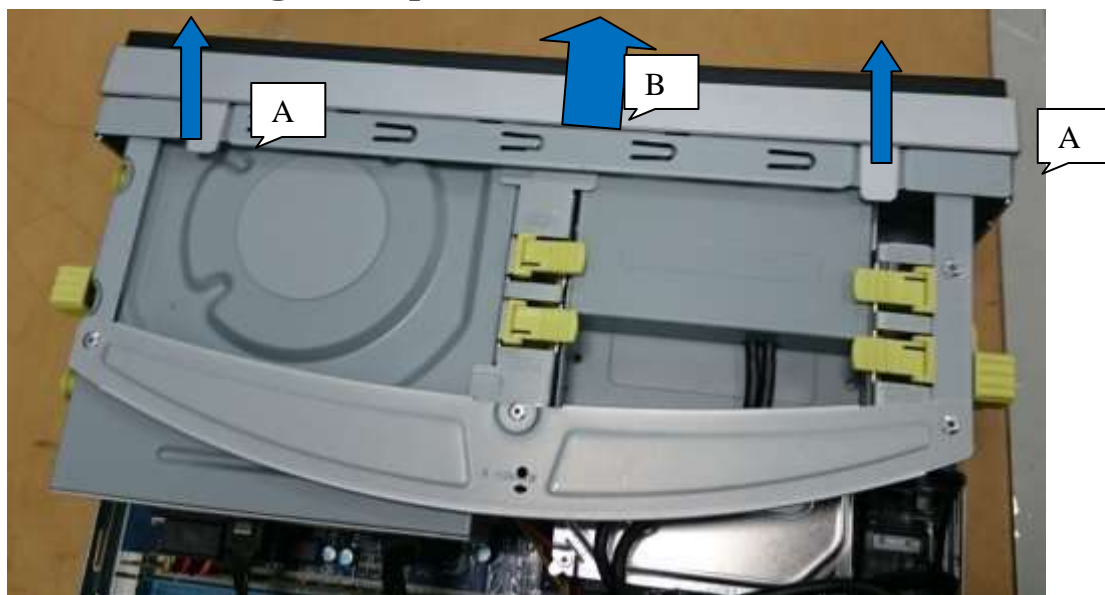


4.1 Push latch A to release the expansion card mounting piece

4.2 Rotate the card mounting piece to the direction of arrow B

4.3 Remove video card C

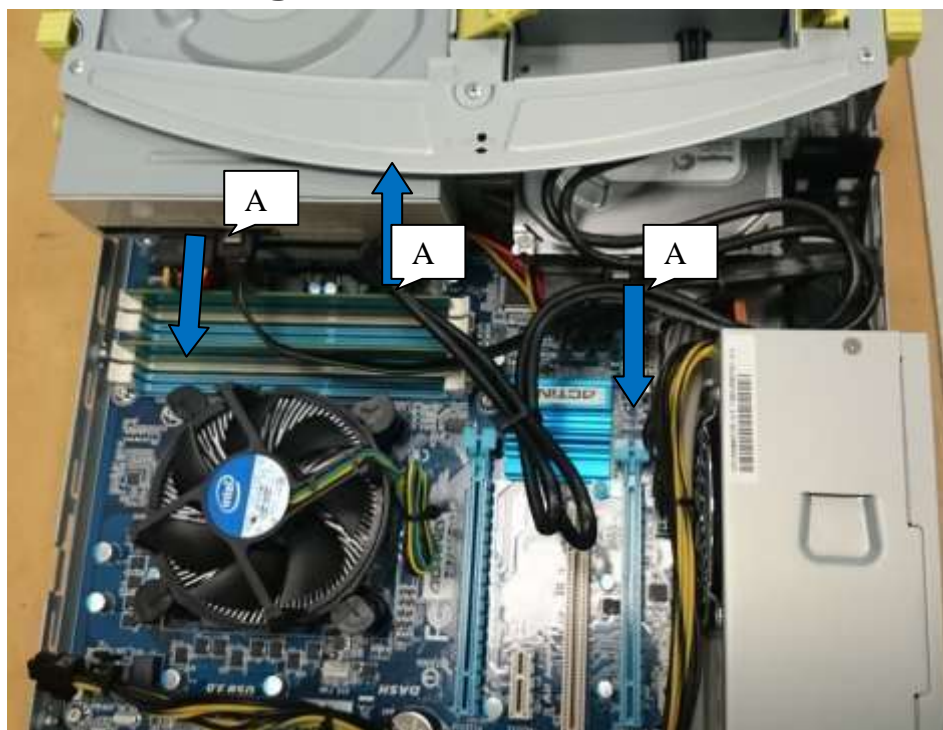
5. Removing front panel



5.1 Unlock latches A

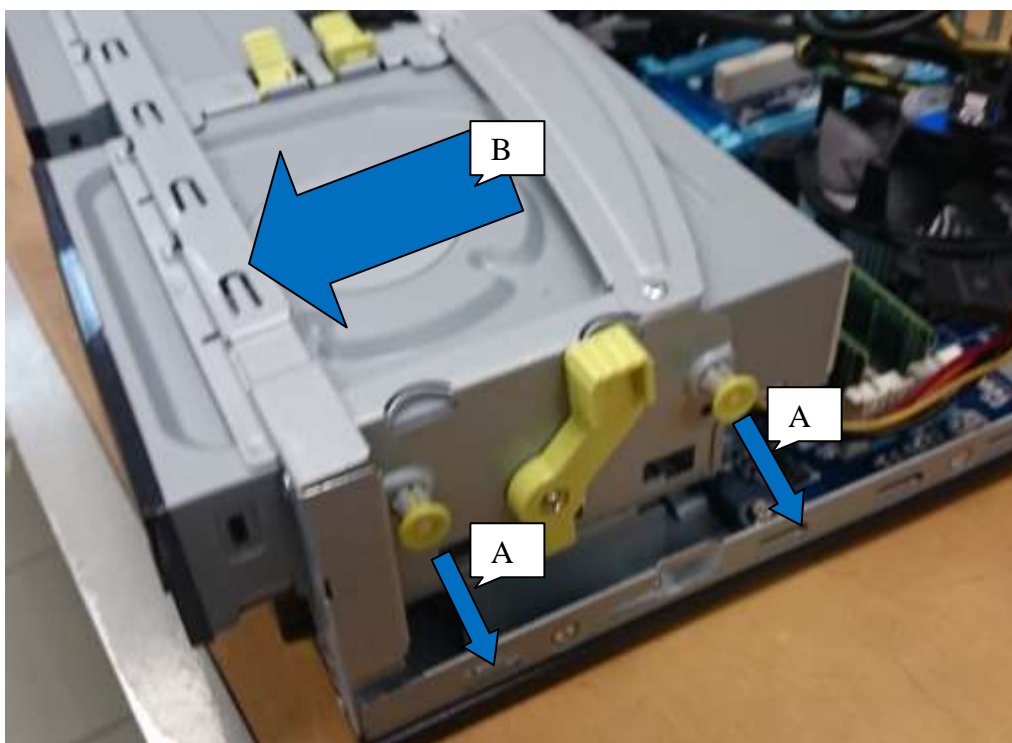
5.2 Push the front panel to the direction shown by arrow B

6. Removing drives and HDDs.



6.1 Disconnect the power and signal cables A

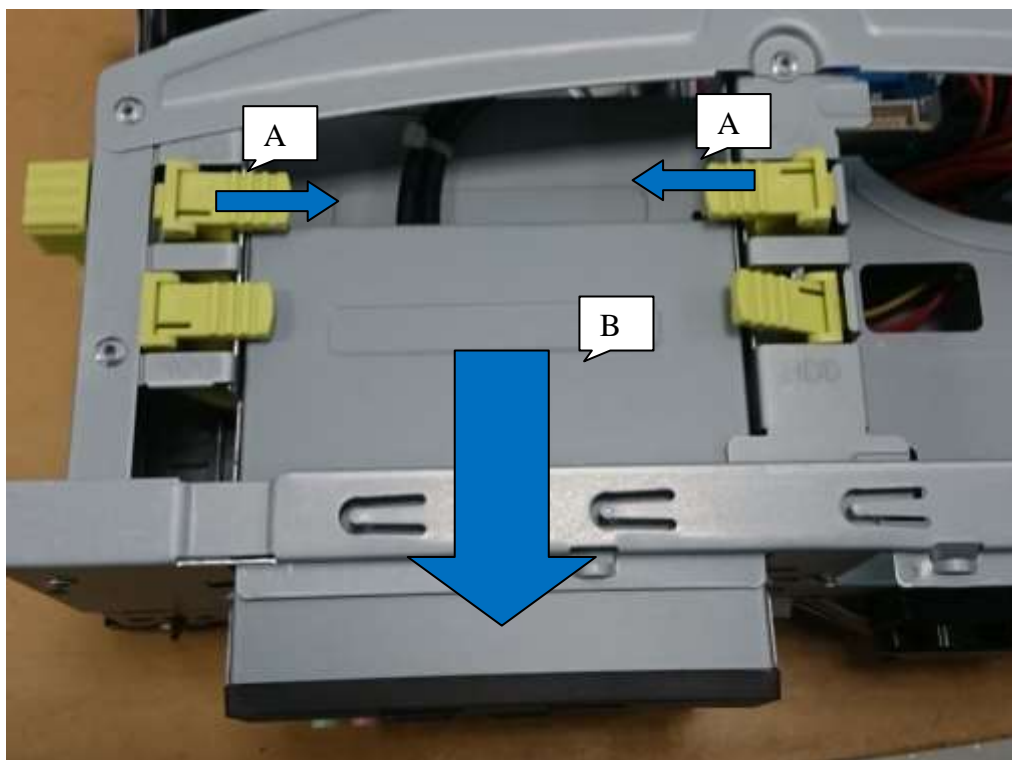
6.2 Release the latches securing optical drive A



6.3 Slide out the drive according to arrow B

6.4 Unlock mounting A of 3.5" device (option)

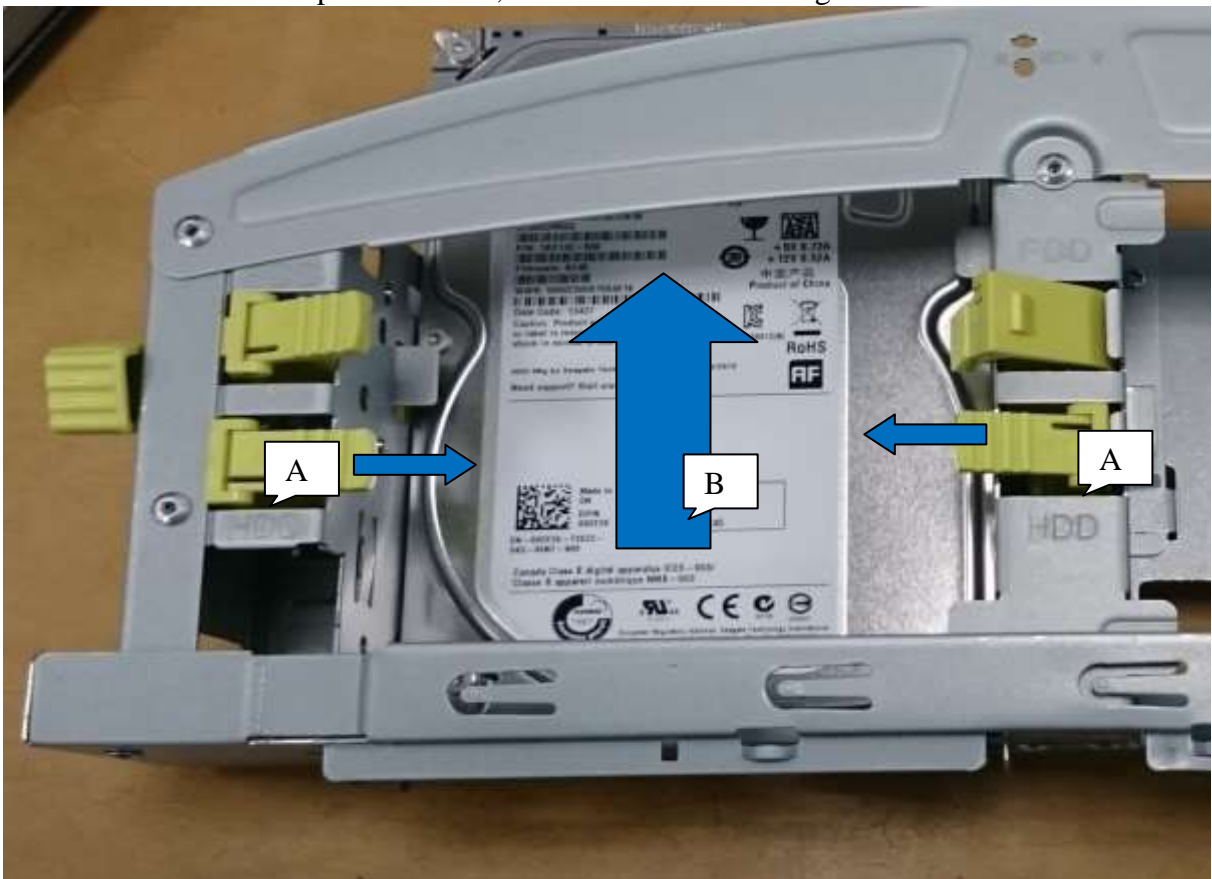
6.5 Slide out the 3.5" device according to arrow B



6.6 Unlock the HDD cage mounting by sliding levers A to the direction shown, then remove the whole cage



6.7 Release HDD A position locks, then remove it according to arrow B

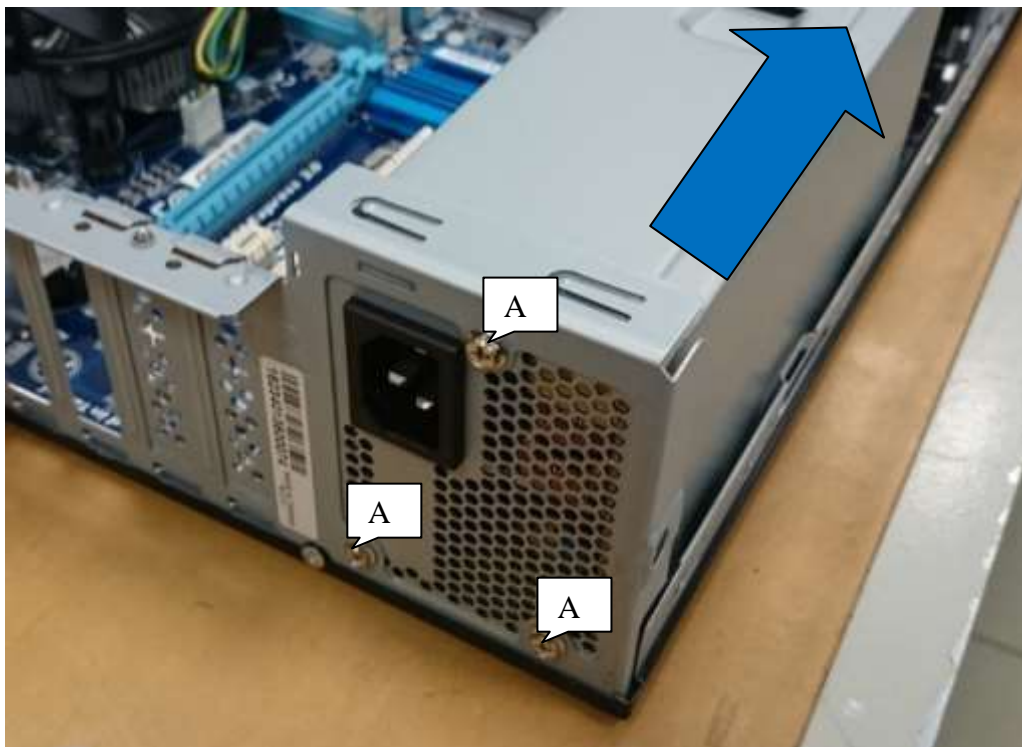


6.8 To complete the cage disassembly, take out the plastic drive mounting pieces and unscrew the levers securing the cage to the computer case.

7. Removing power unit



7.1 Remove the optional fan mounting by sliding it according to the arrow



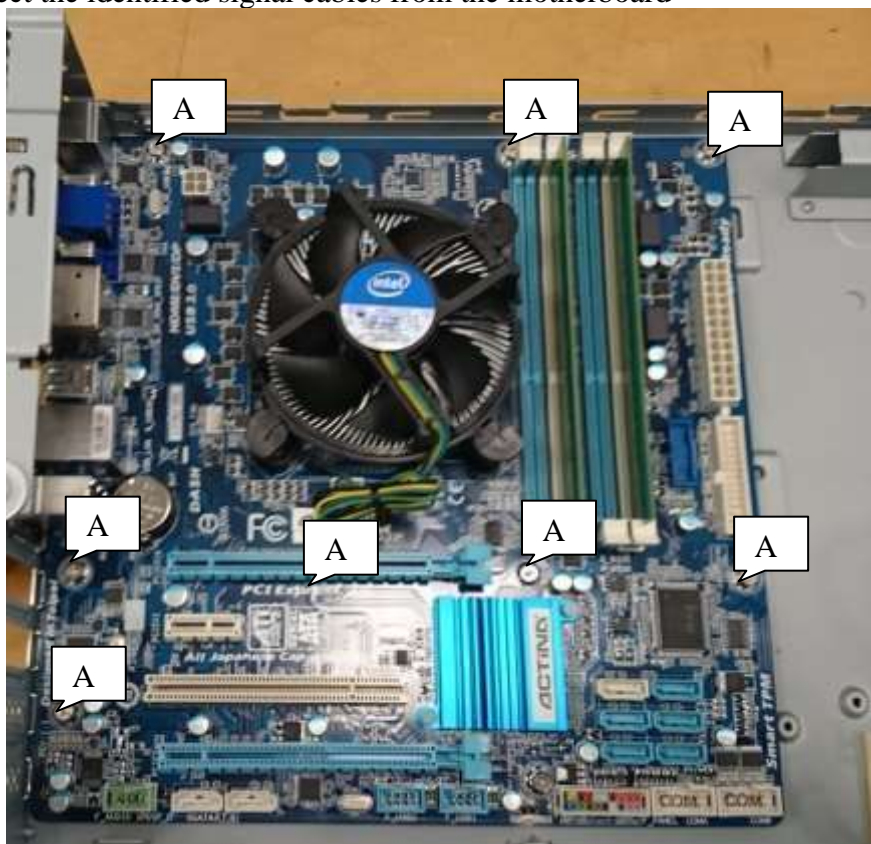
7.2 Unscrew items A, then slide the power unit in the direction shown by the arrow.

7.3 Disconnect the motherboard power cables.

8 Removing motherboard



8.1 Disconnect the identified signal cables from the motherboard

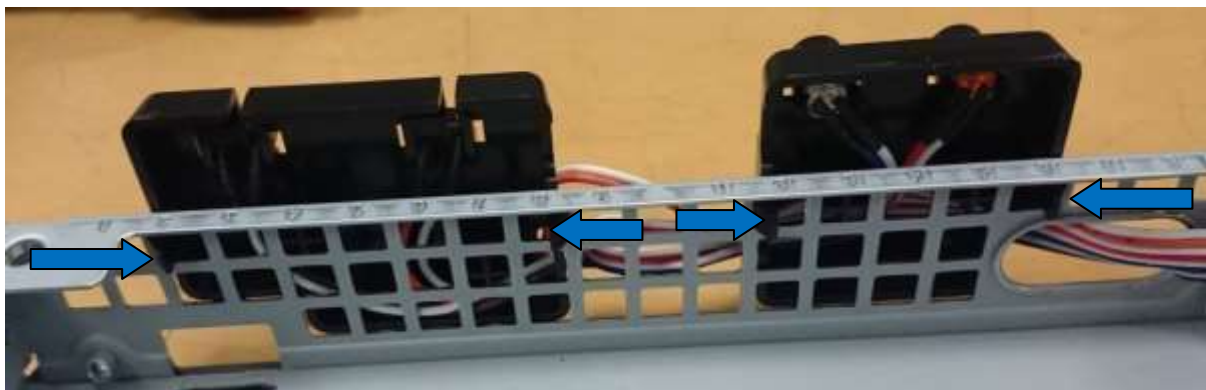


8.2 Unscrew items A and take out the motherboard from the case.

8.3 Take the slot shielding off the case by pushing it to the direction shown by the arrow



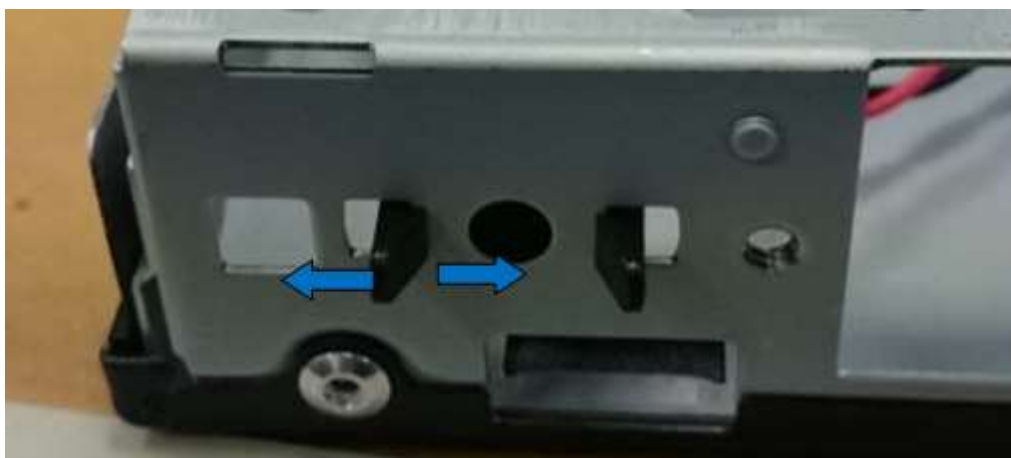
9 Removing case elements



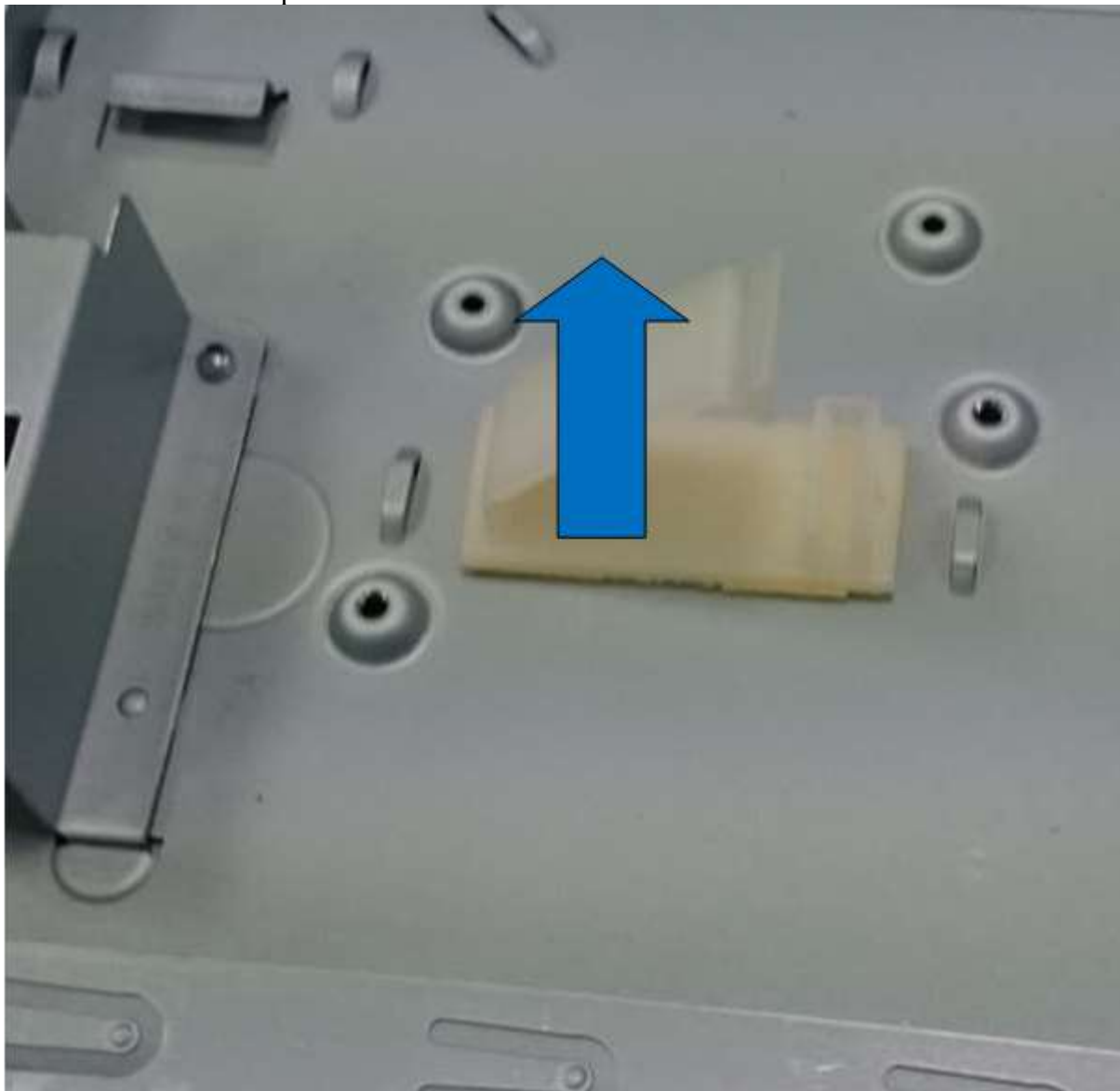
9.1 Remove the LED and button pieces by pushing the latches shown by the arrows.



9.2 After unscrewing items A, remove the USB and audio connector units



9.3 Remove the PC speaker



9.4 Remove the cable organizer.

10. Removing motherboard elements



10.1 Slide the latches to the direction shown by the arrows, then take out the memory chips.

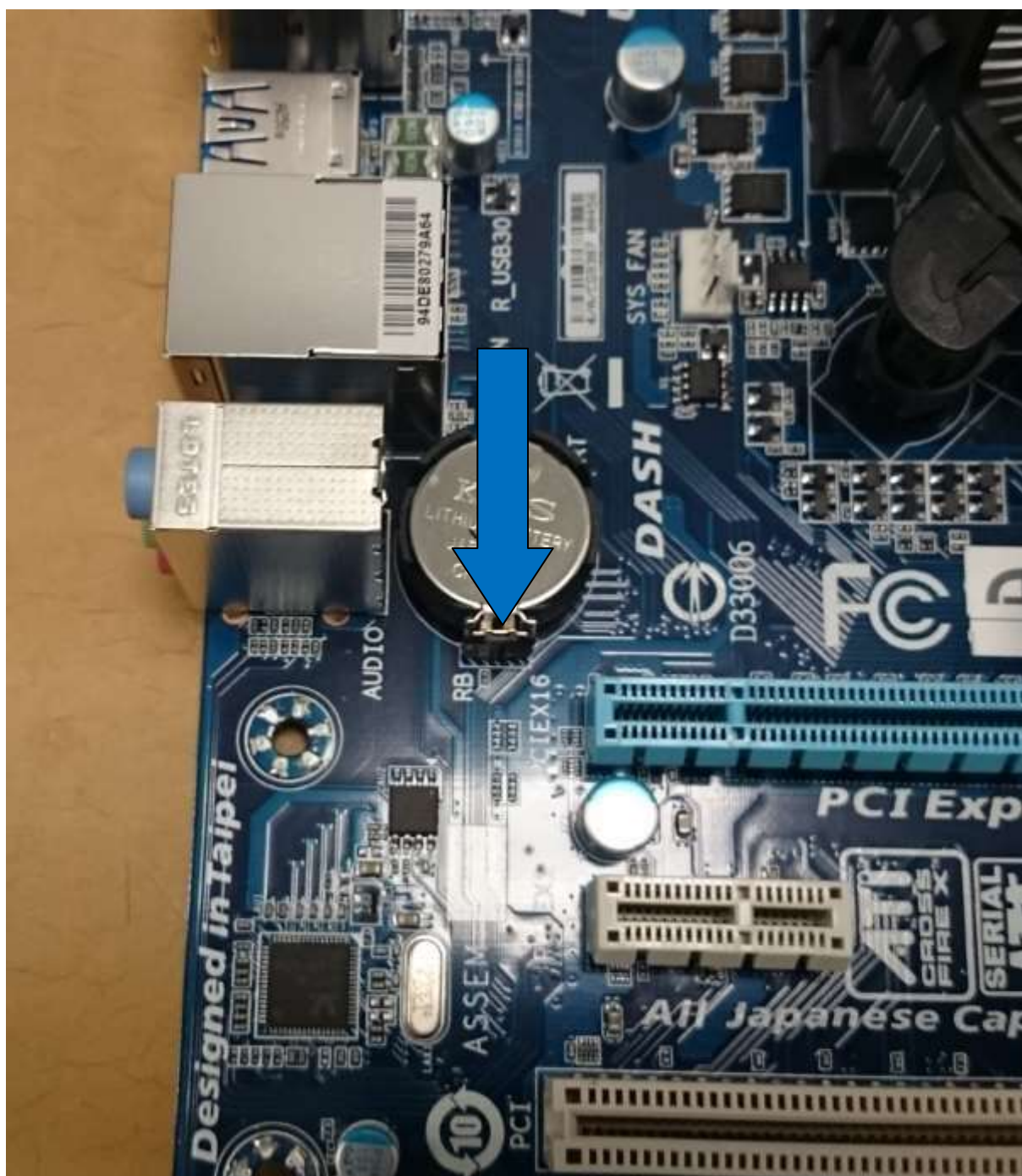
10.2 To remove the CPU cooling unit, rotate the securing pins in the direction shown by the arrows, then pull upwards. When all the pins have been released, pull the whole cooling module upwards.



10.3 To remove the CPU, release the lever identified with the arrow and open the CPU slot



10.4 To remove the battery, press the latch identified with the blue arrow to the direction shown by the arrow.



11 Removing power unit

11.1 To remove the case, unscrew the 4 mounting items and remove the upper cover.



11.2 To remove the PCB, unscrew the 4 items shown by arrows.



11.3 Before PCB disposal, the capacitor (diameter >25 mm) highlighted in the photo needs to be cut out and disposed properly.

