System expansions and repairs

STYLISTIC Q7310

Version date	29.06.2020
Category	System expansions and repairs

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System expansions and repairs

We recommend printing out the relevant sections of this chapter prior to installation as the device for installing/removing hardware components needs to be switched off.

The following illustrations may differ from your device, depending on its configuration and features.

If you have received any further documents with your device, you should read these through carefully.

Please note the following instructions before installing/removing system components:

- The device must be switched off when installing/removing components and it must not be in power-saving mode.
- Disconnect the mains plug before opening the device.
- After unplugging the mains plug, discharge the remaining voltage by pressing the activation button.
- Remove all externally connected cables.
- Take care not to pinch any cables when installing/removing components.
- Please ensure that the installed components that might heat up intensely during operation do not exceed the permitted operating temperature.

During a system expansion or a hardware upgrade, it is possible that the BIOS must be updated. You can find more information in the technical information provided for your device.

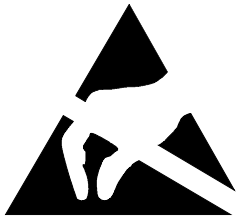
Information on the installation and removal of components

Please pay attention to the locking mechanism (indentations and centring pins) when installing hardware components.

Note that some components on the mainboard may be very hot if the device was in use shortly before the case was removed.

Utmost care is required during installation and removal to avoid damaging components.

Never use items with sharp edges (screwdrivers) to lever them out.



Parts with Electrostatic Sensitive Devices (ESD) can be identified by a corresponding label.
When dealing with boards with ESDs, the following points must always be observed:

- Always ensure there is a static discharge (e.g. by touching a grounded object) prior to commencing with the work.
- The devices and tools being used must not be statically charged.
- Only touch the components along the edges or on the areas marked in green (contact points).
- Contacts and electronic components must not touch when handling components equipped with ESD protection.

Screws





Screw: M2.5XL3 (D4.5)
Screwdriver: Phillips PH00





Screw: M2.5XL4
Screwdriver: Phillips PH00





Screw: M2.5XL6 (D4.5)
Screwdriver: Phillips PH00





Screw: M2XL2.5
Screwdriver: Phillips PH00





Screw: M3XL3.5-1
Screwdriver: Phillips PH00

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Tools

Screwdriver: Phillips, size PH00



Plastic tool



Plastic tool



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Removing / fitting the keyboard

- Disconnect the mains plug from the mains outlet.
- Remove all cables connected to the STYLISTIC Q7310 and its keyboard.
- Disconnect the STYLISTIC Q7310 tablet from its keyboard by pressing the release button (yellow arrow) and pulling the STYLISTIC Q7310 upwards (green arrows).
- To reconnect the STYLISTIC Q7310 to its keyboard, gently refit the tablet on it (red arrows). The guidance indicator (blue circle) on the tablet and keyboard will support you to find the correct position.



- The keyboard of the STYLISTIC Q7310 can be ordered as a module.



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Removing / fitting the cradle

- Disconnect the mains plug from the mains outlet.
- Remove all cables connected to the STYLISTIC Q7310 and its cradle.
- Disconnect the STYLISTIC Q7310 tablet from its cradle by pressing the release button (yellow arrow) and pulling the STYLISTIC Q7310 upwards (green arrows).
- To reconnect the STYLISTIC Q7310 to its cradle, gently refit the tablet on it (red arrows). The guidance indicator (blue circle) on the tablet and cradle will support you to find the correct position.



- The cradle of the STYLISTIC Q7310 can be ordered as a module.



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Removing / fitting the SIM tray

Required work steps:

- Remove keyboard

  - The SIM and SD card cover is on the bottom right next to the keyboard connector. Open it (green arrow) and remove the SIM card holder (yellow arrow).



  - Pull out the SIM card holder in the yellow arrow direction.



Please note!

- To ensure proper positioning, the SIM tray must be inserted horizontally into the SIM card slot (see figure above).

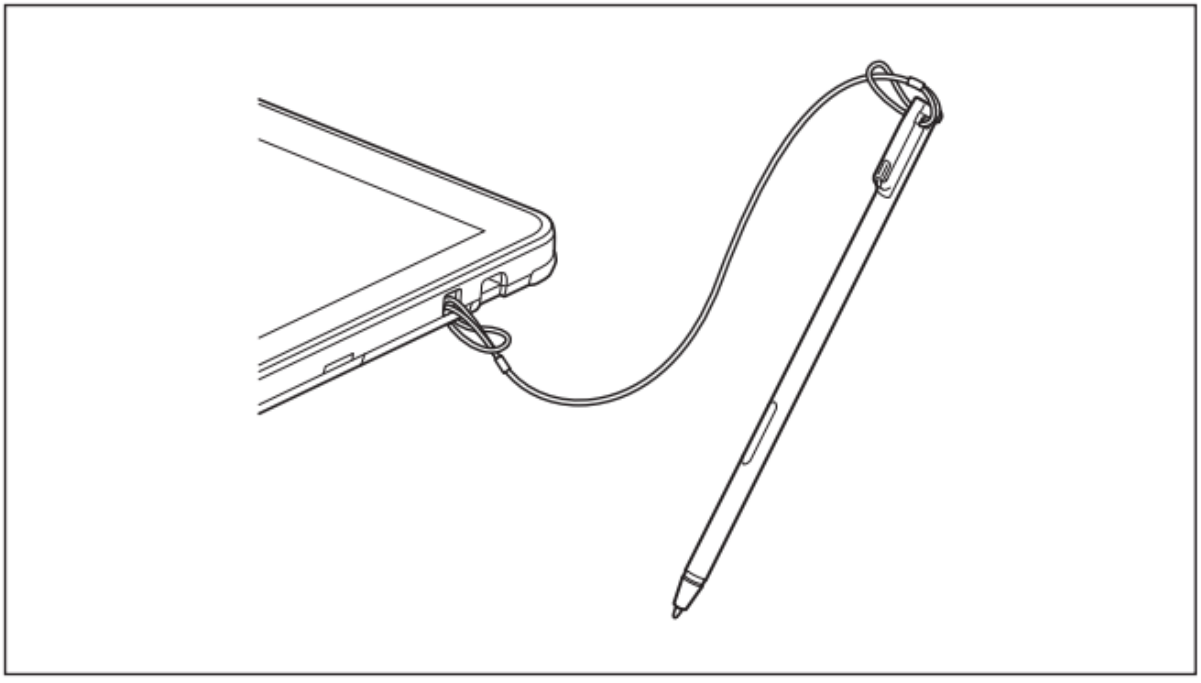


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Removing / fitting the pen

- Pull the pen straight out of the pen garage (green arrow).
  
  The pen can be attached with a ribbon running through the eyelet (red rectangle) under the pen garage. Undo it to be able to replace the pen.





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Mandatory Support Bulletins for Disassembly

SB-M-10030
Minimum requirements to properly finalise hardware repairs on mobile systems

SB-M-15007
WIN8x & WIN10 - Spare product key
for repaired devices

For any information about ESD, please refer to the web-based training course "ESD in electronics"

Service Partner only (login required)

Removing the LCD back cover assy

Required work steps:
- Remove keyboard
- Remove cradle
- Remove pen

Required tools:
- Screwdriver: Phillips, size PH00
- Plastic tool

- Always ensure there is a static discharge (e.g. by touching a grounded object) prior to commencing with the work.
- The devices and tools being used must not be statically charged.
- Only touch the components along the edges or on the areas marked in green (contact points).
- Contacts and electronic components must not touch when handling components equipped with ESD protection.

Further information can be found in the chapter Information on the installation and removal of components.

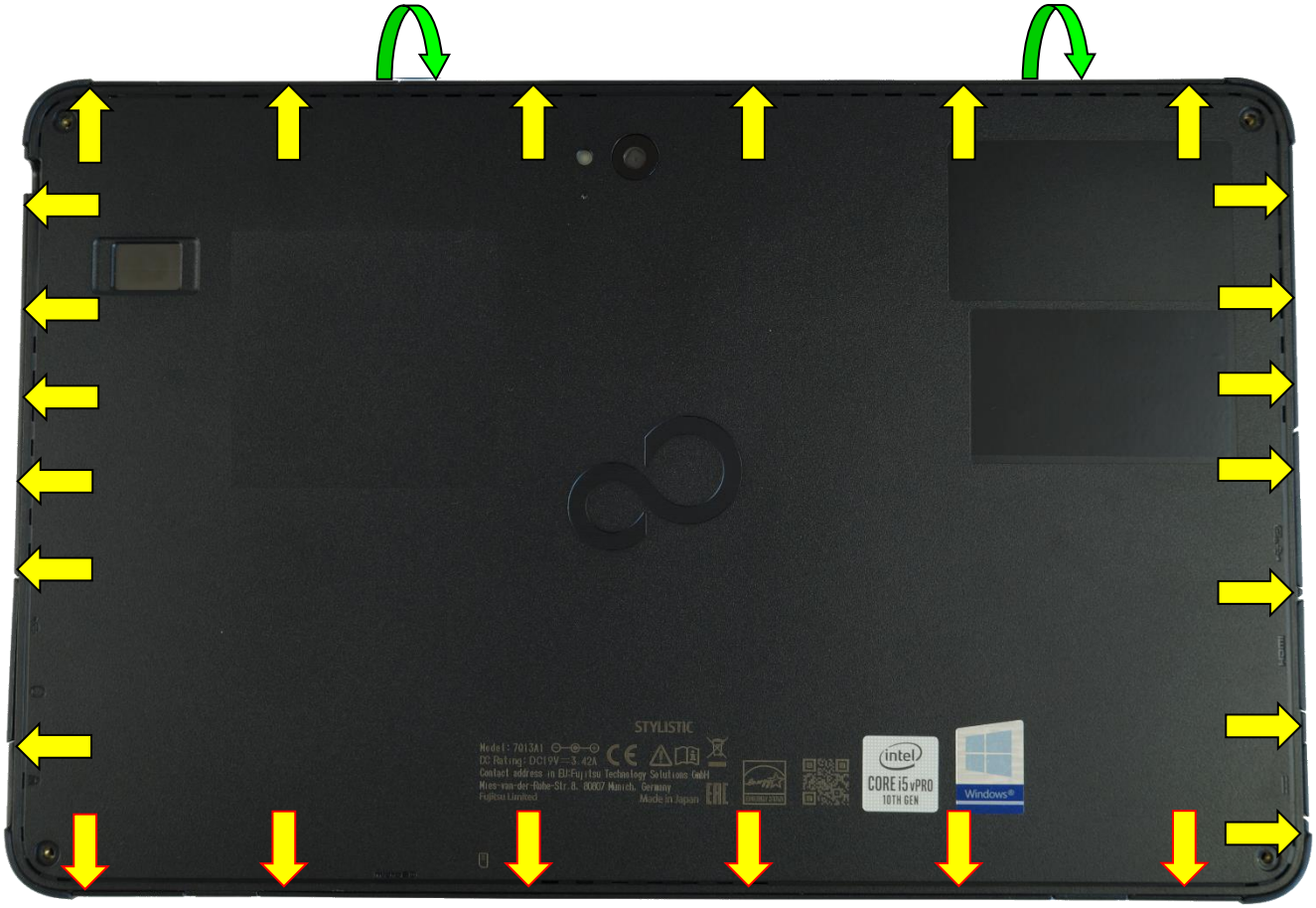


- Remove the four M2.5XL6-6.5 screws (blue circles).

Service Partner only

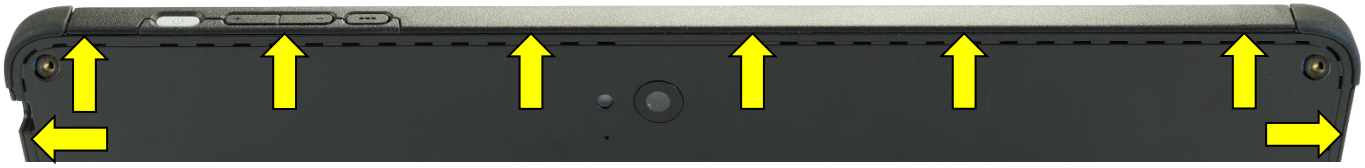
- Use plastic tools to carefully disconnect the LCD back cover assy from the STYLISTIC.
- The plastic tool is to be placed at short distances and in the slits (yellow arrows) between the lower assy and the display to undo the plastic latches bit by bit.
- Start to do so on the sides or from the bottom (yellow arrows, red border) as shown on the next page.
- Now lift the LCD back cover assy and turn it over (green arrows). Be careful as two cables are still connected to the mainboard (see picture on the next page).





Please note!

■ Careless movements when separating the LCD back cover assy from the STYLISTIC could damage the connectors on the mainboard that are still linked to the flexprint cable.



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- Carefully place the LCD back cover assy in a position where the cables are not taut.
- **First carefully disconnect the battery cable from the battery (red circle).**
- Carefully disconnect the SiBeam flexprint cable (yellow circle). This cable is integrated in the LCD back cover assy.
- Disconnect the fingerprint flexprint cable (orange circle).



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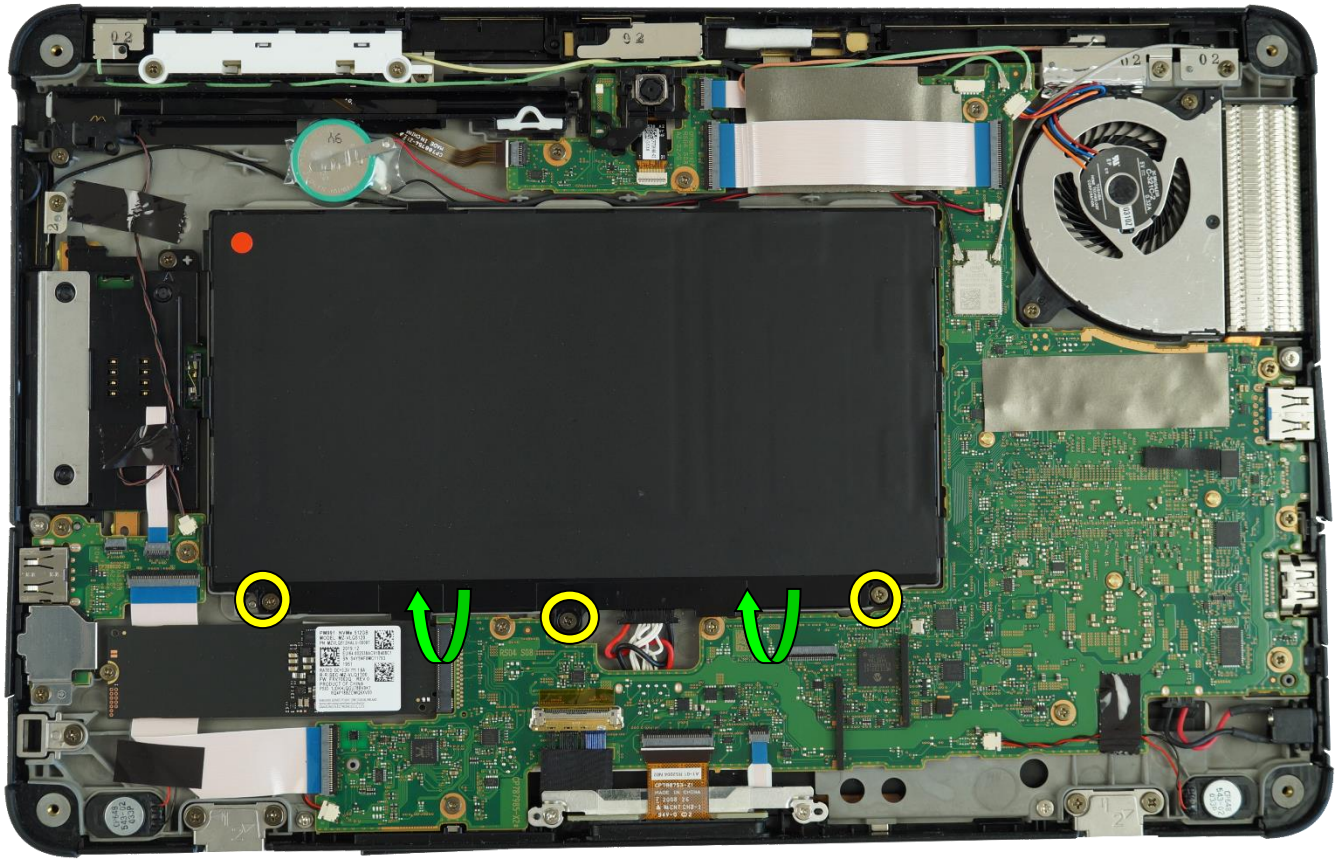
Remove battery

Required work steps:

- Remove keyboard
- Remove cradle
- Remove pen
- Removing the LCD back cover assy

Required tools:

- Screwdriver: Phillips, size PH00



- Remove the three M2XL3 screws (yellow circles).
- Remove the battery from the device (direction of the green arrows).



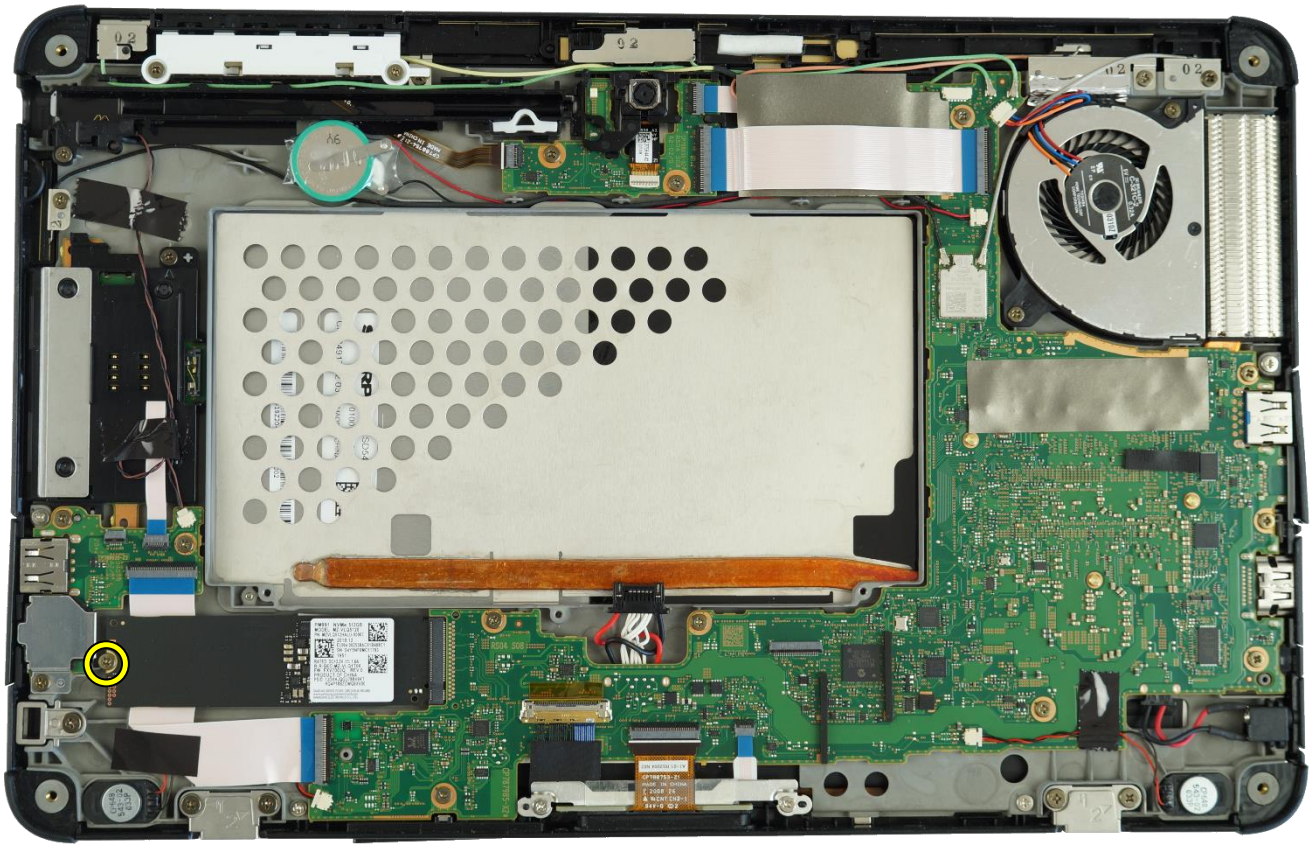
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Remove M.2 module

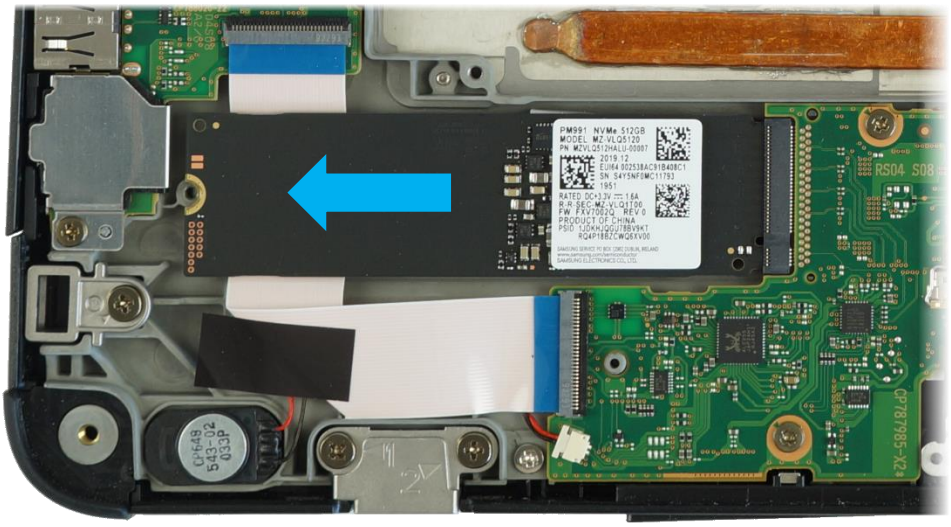
Required work steps:
- Remove keyboard
- Remove cradle
- Remove pen
- Removing the LCD back cover assy
- Remove battery

Required tools:
- Screwdriver: Phillips, size PH00



► Remove the M2XL2.5-0 screw (yellow circle).

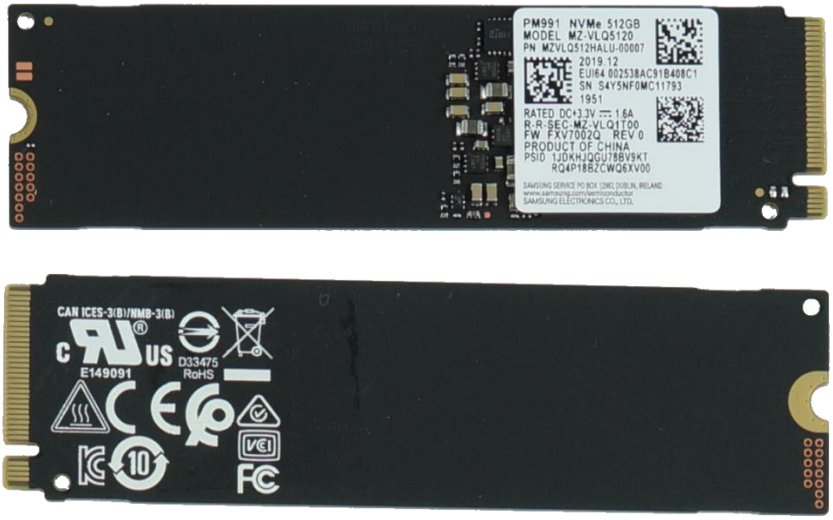
Service Partner only



- The M.2 module can now be unfastened with careful movements.
- It can then be easily pulled upwards and removed (blue arrow).

Please note!

- Due to the M.2 interface, no conventional HDDs or SSDs with a common form factor can be used in the STYLISTIC Q7310.



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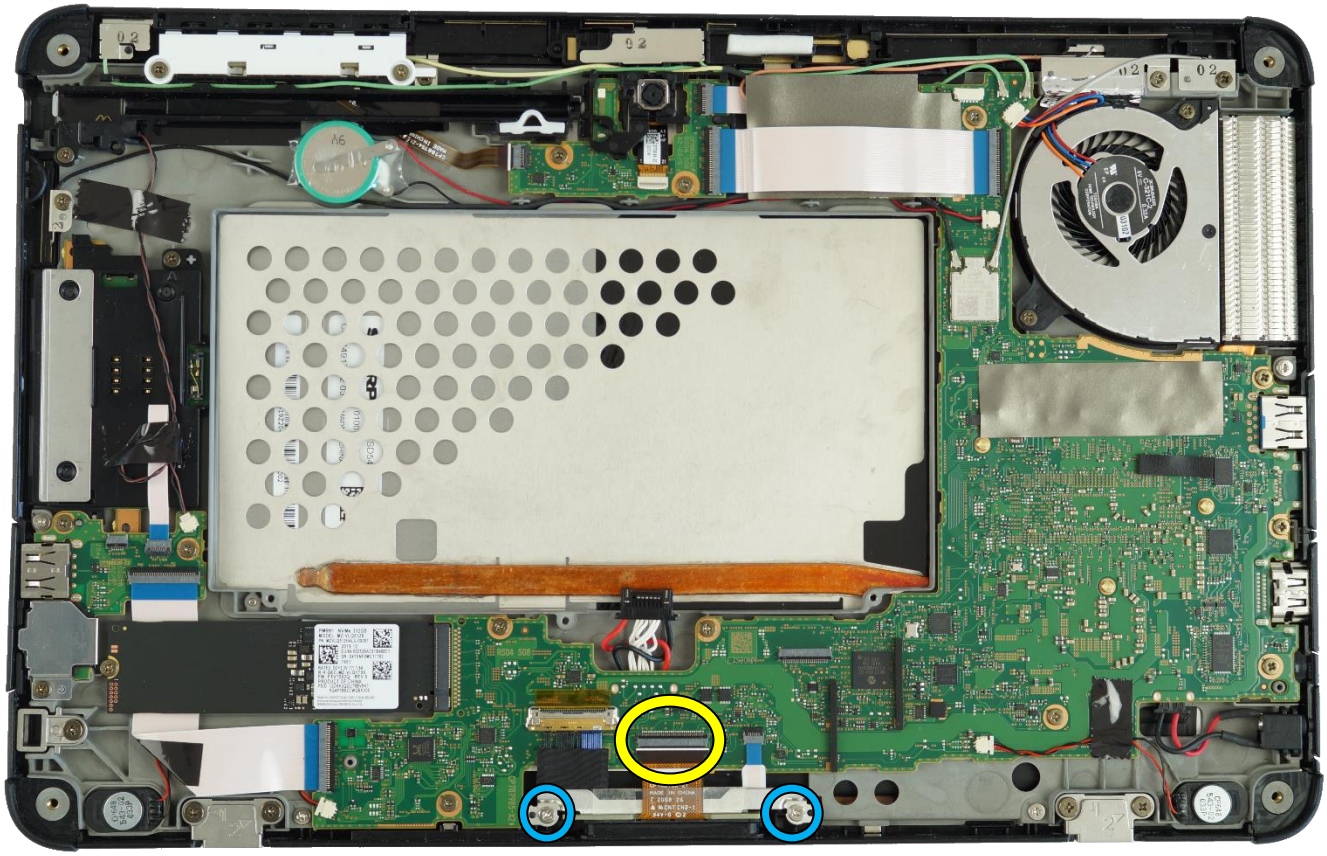
Removing the docking connector

Required work steps:

- Remove keyboard
- Remove cradle
- Remove pen
- Removing the LCD back cover assy
- Remove battery

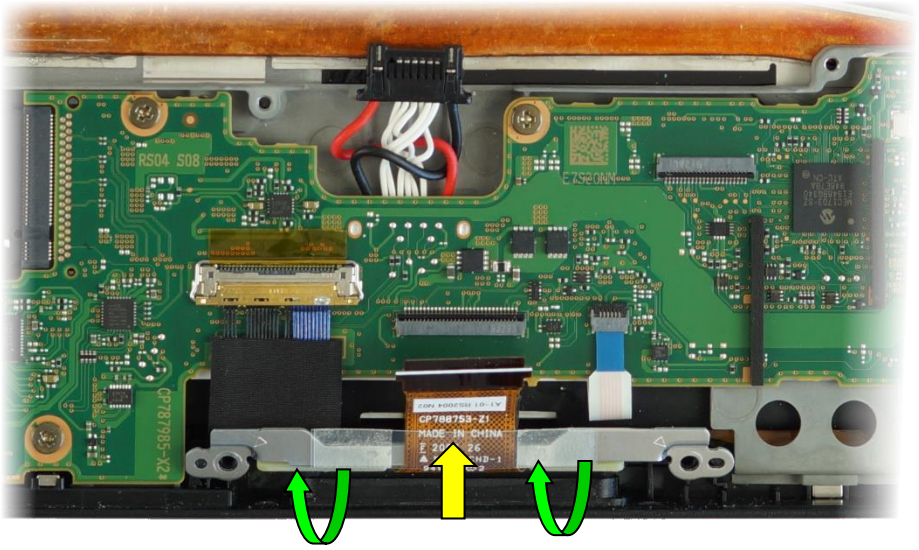
Required tools:

- Screwdriver: Phillips, size PH00

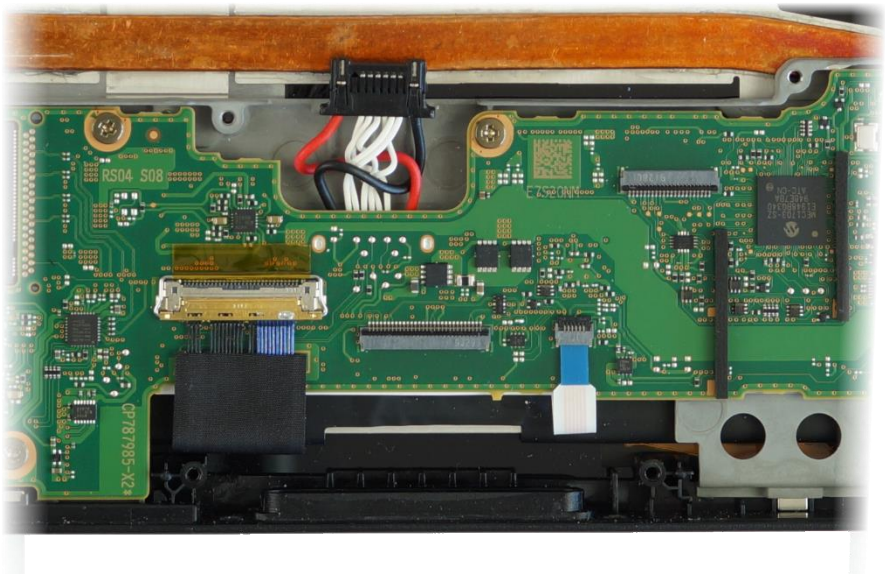


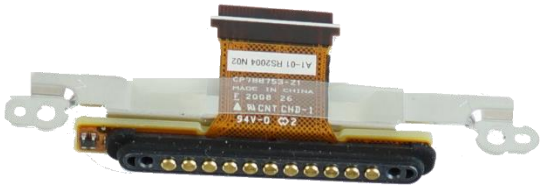
- ► Disconnect the flexprint cable of the docking connector (yellow circle).
- ► Remove the two M2XL2.5 screws (blue circles).

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- Release the docking connector by moving it in the direction of the arrow (yellow).
- As soon as you have carefully pulled it out of the recess provided, you can lift it out (green arrows).





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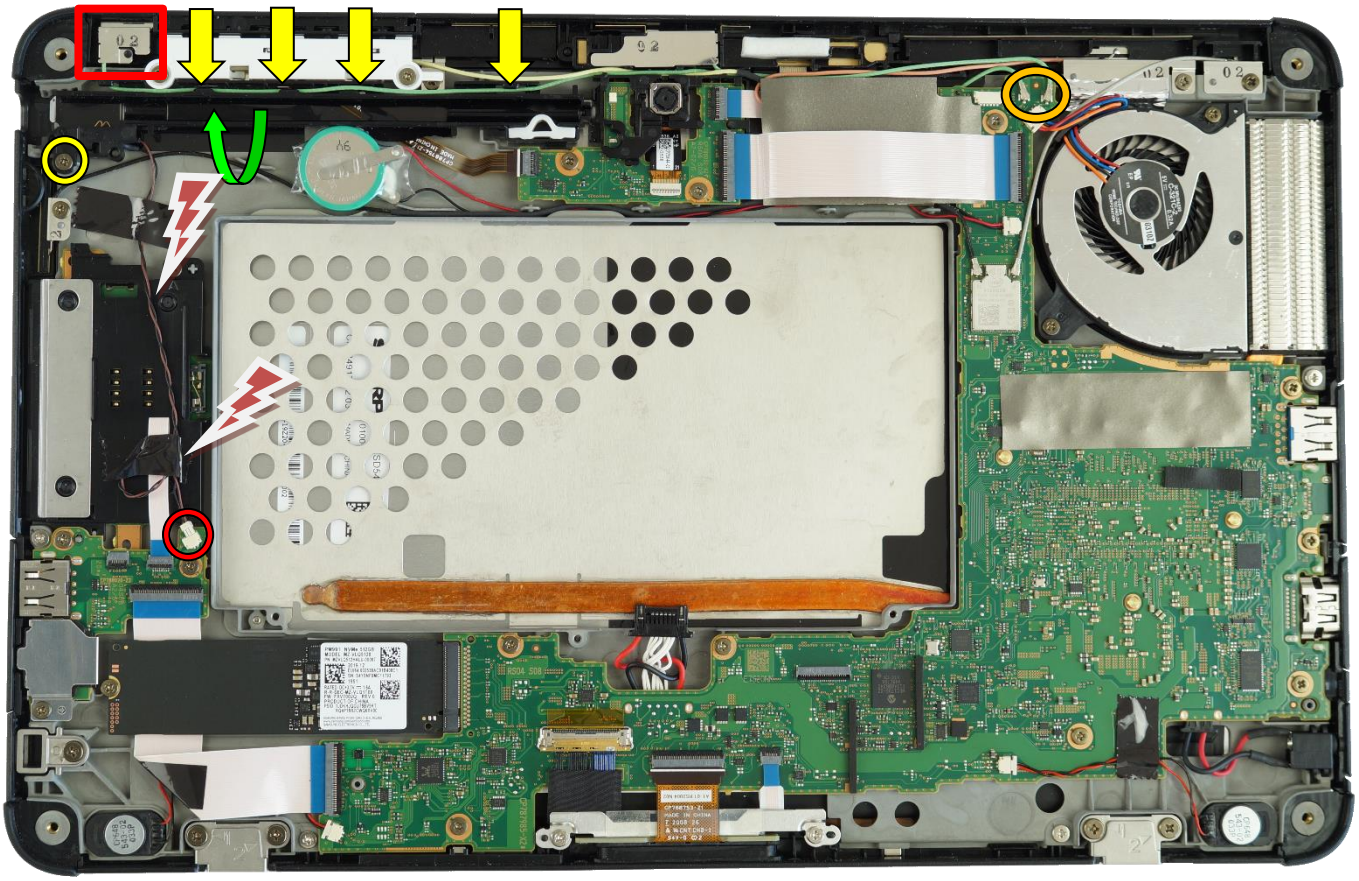
Remove pen garage

Required work steps:

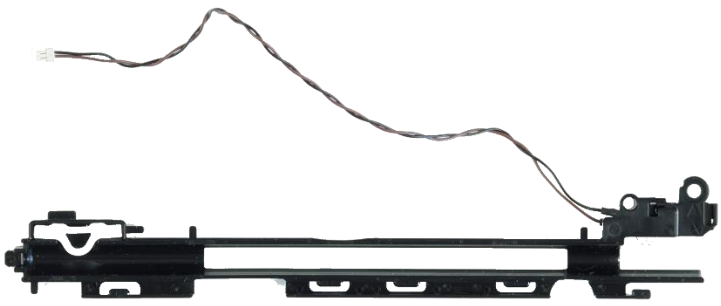
- Remove keyboard
- Remove cradle
- Remove pen
- Removing the LCD back cover assy
- Remove battery

Required tools:

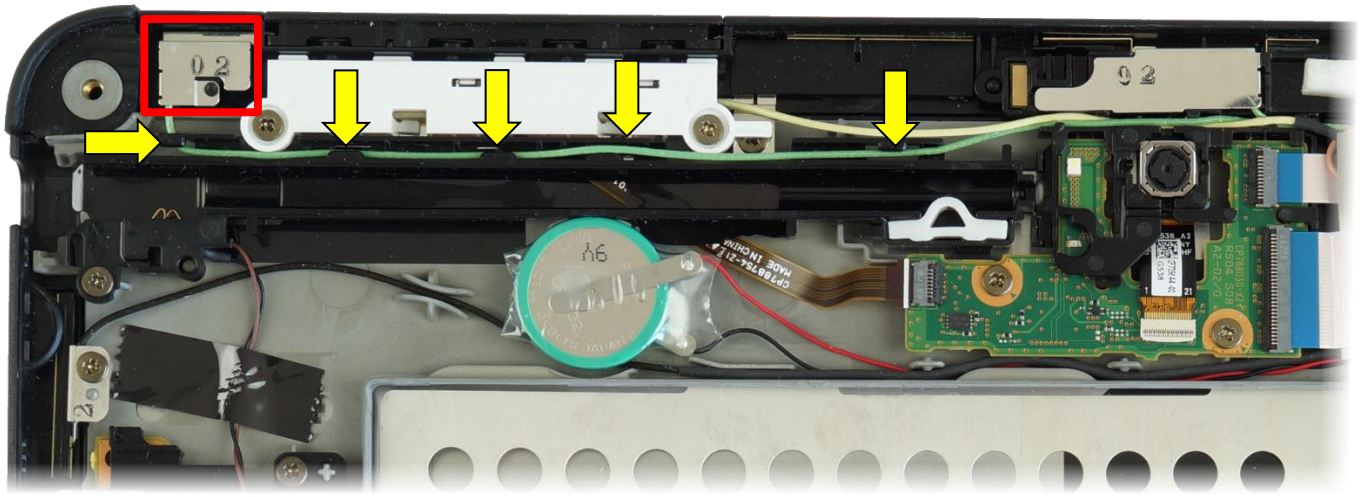
- Screwdriver: Phillips, size PH00



- Remove the screw M2XL3 (yellow circle).
- Remove the adhesive tape and the cable (red flashes).
- The cable of a SAR antenna (red rectangle) runs through the cable duct (yellow arrows) of the pen garage and must therefore be disconnected (orange circle). On the following page you will find the detailed view.
- Remove the pen garage from the device (green arrow).



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- After successful replacement, route the SAR antenna cable through the designated duct (yellow arrow).

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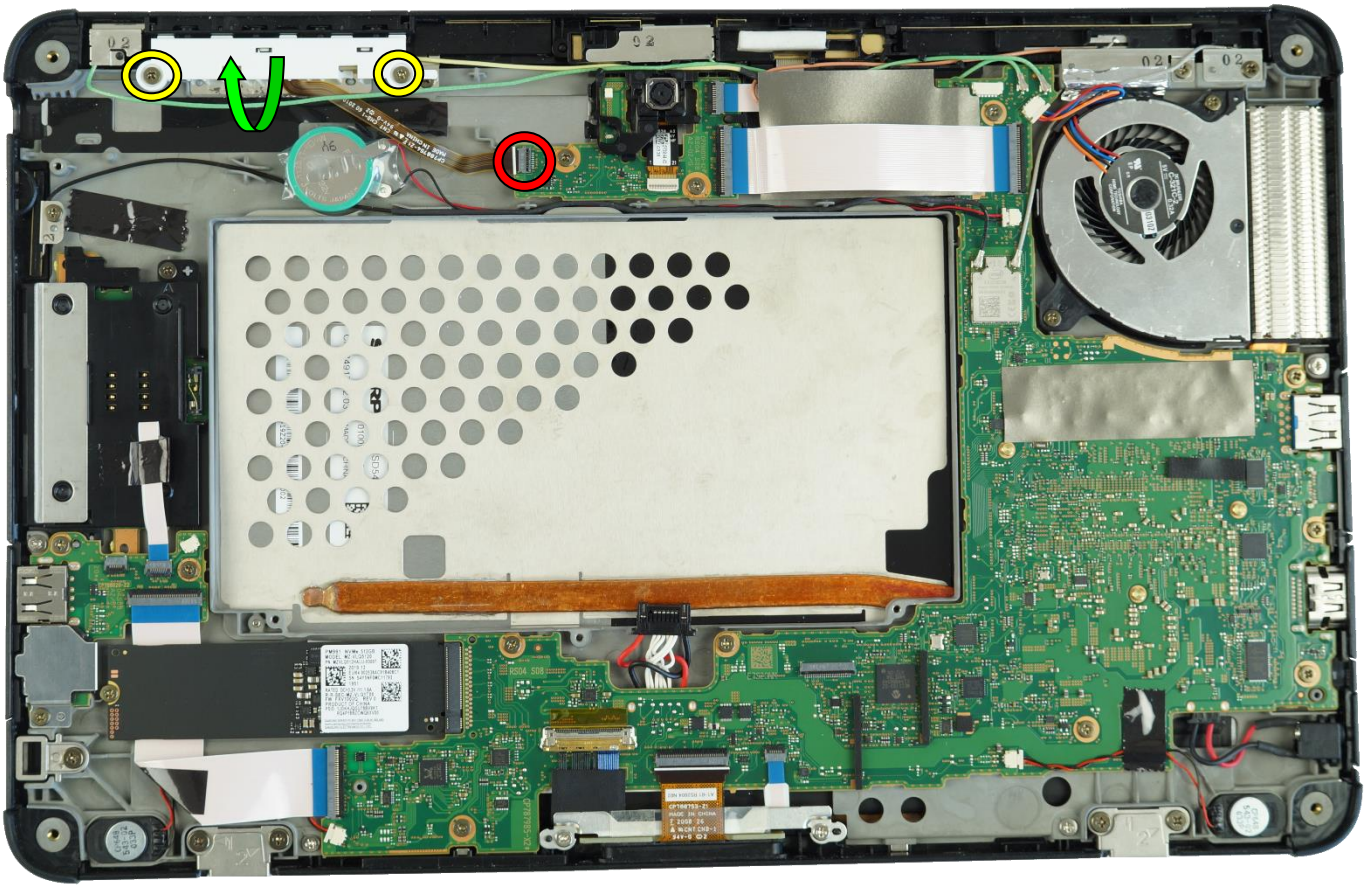
Remove the application button sub board

Required work steps:

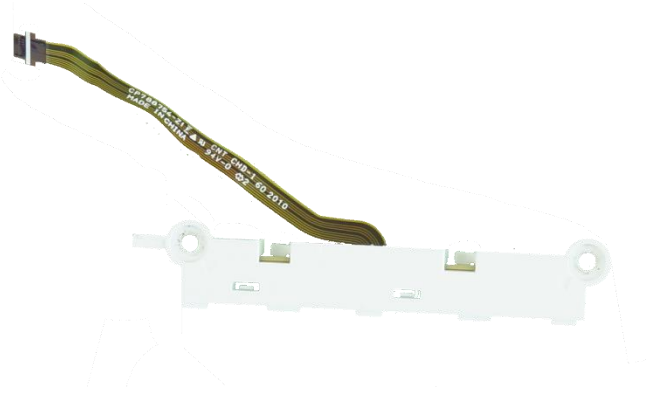
- Remove keyboard
- Remove cradle
- Remove pen
- Removing the LCD back cover assy
- Remove battery
- Remove pen garage

Required tools:

- Screwdriver: Phillips, size PH00



- Remove the two screws M2XL3 (yellow circles).
- Disconnect the flexprint cable (red circle).
- Take the application button sub board out of the device (see arrow direction green).



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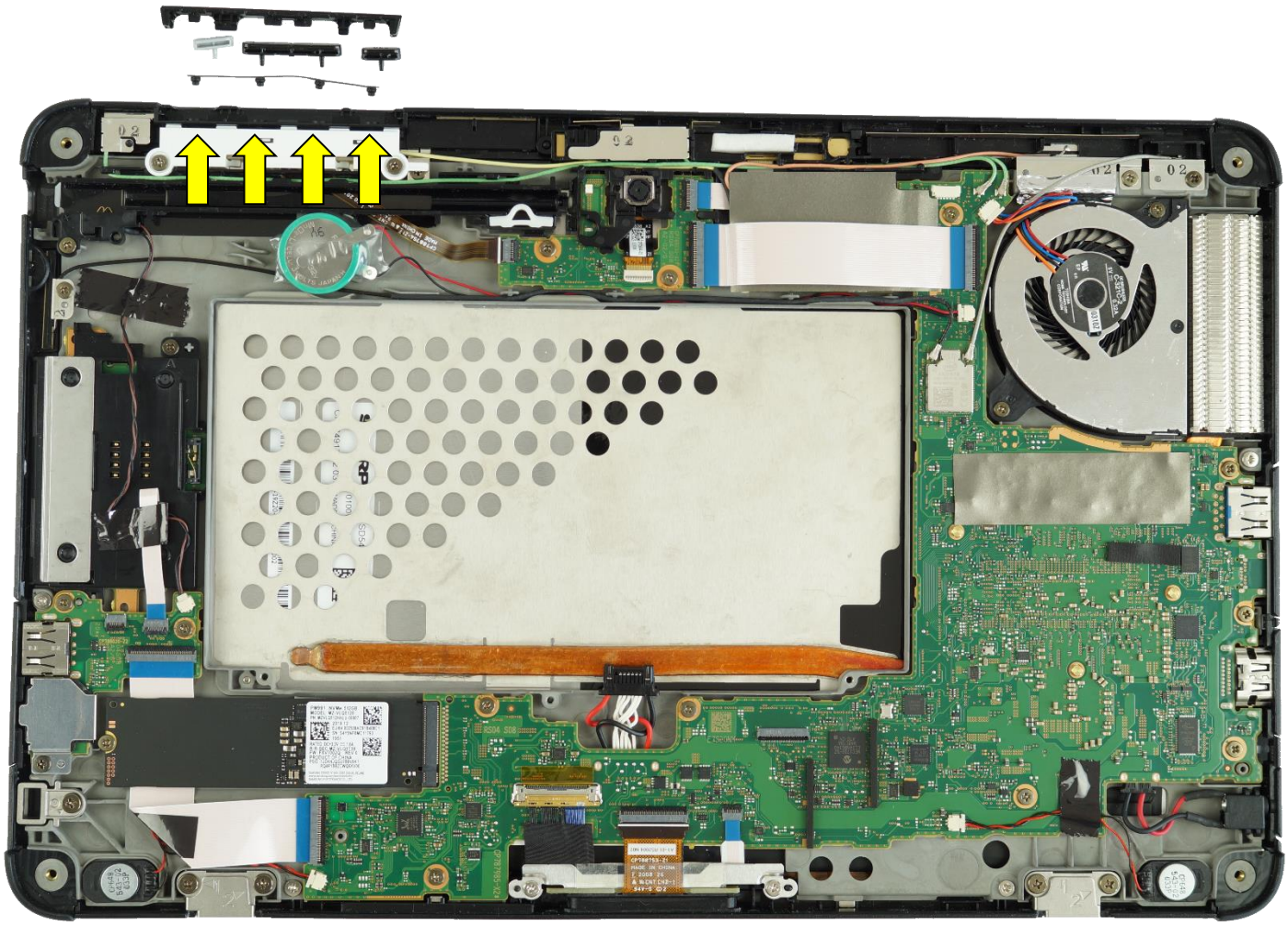
Remove buttons, holder for button set, cover for button section

Required work steps:

- Remove keyboard
- Remove cradle
- Remove pen
- Removing the LCD back cover assy
- Remove battery

Required tools:

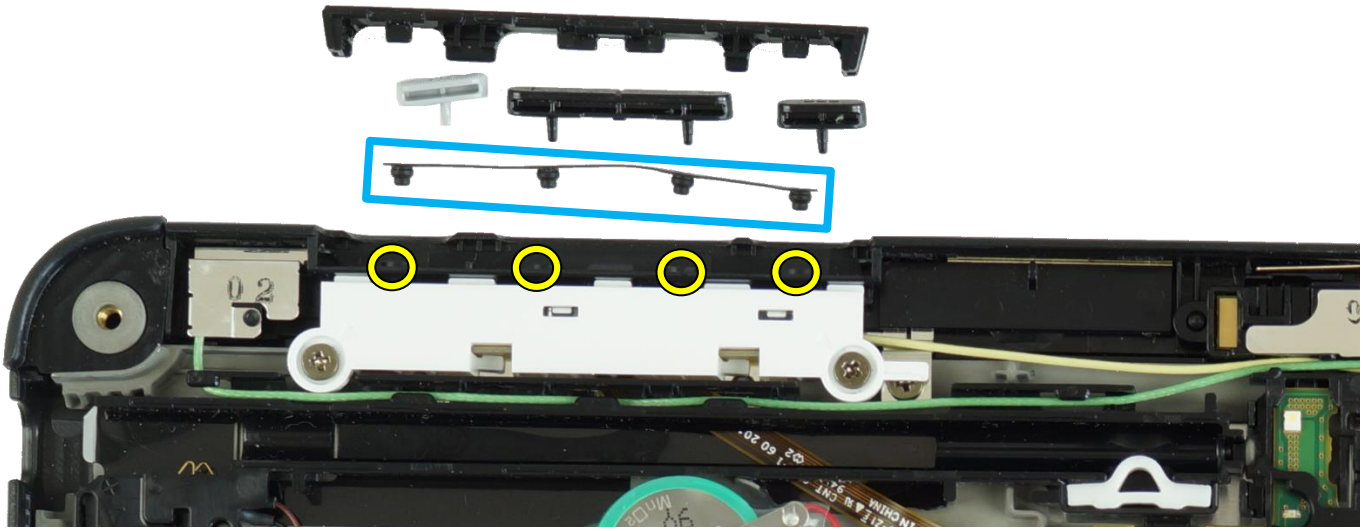
- Screwdriver: Phillips, size PH00



- Release and carefully remove the cover for button section, the single keys and the holder for button set from their intended positions (yellow arrows).



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- Pull the four nubs of the holder for button set (blue rectangle) out of the provided recesses (yellow circles).
- Below you can see a picture with a top view of these recesses.



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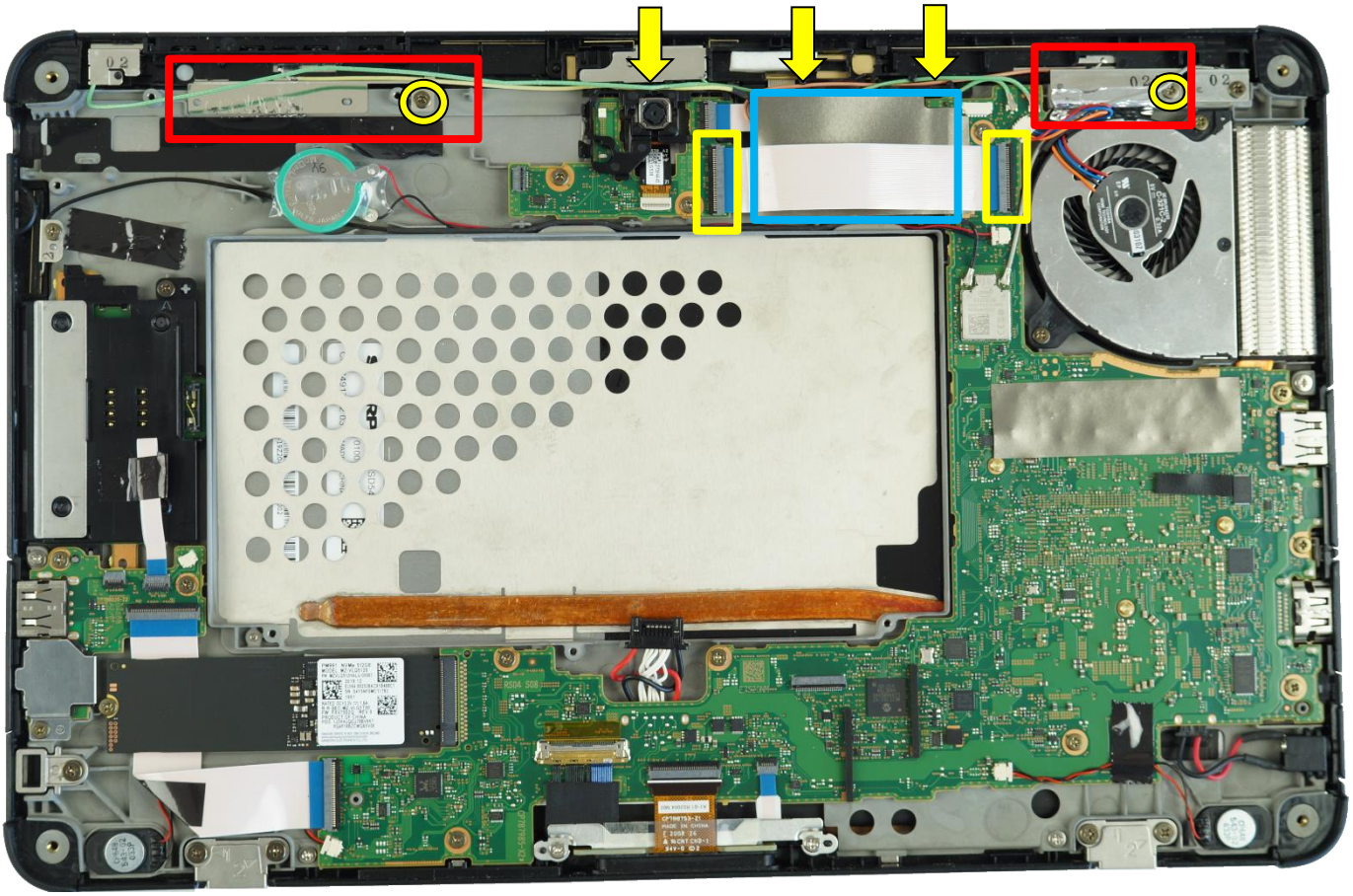
Removing the WWAN antennas

Required work steps:

- Remove keyboard
- Remove cradle
- Remove pen
- Removing the LCD back cover assy
- Remove battery
- Remove pen garage
- Remove the application key sub board

Required tools:

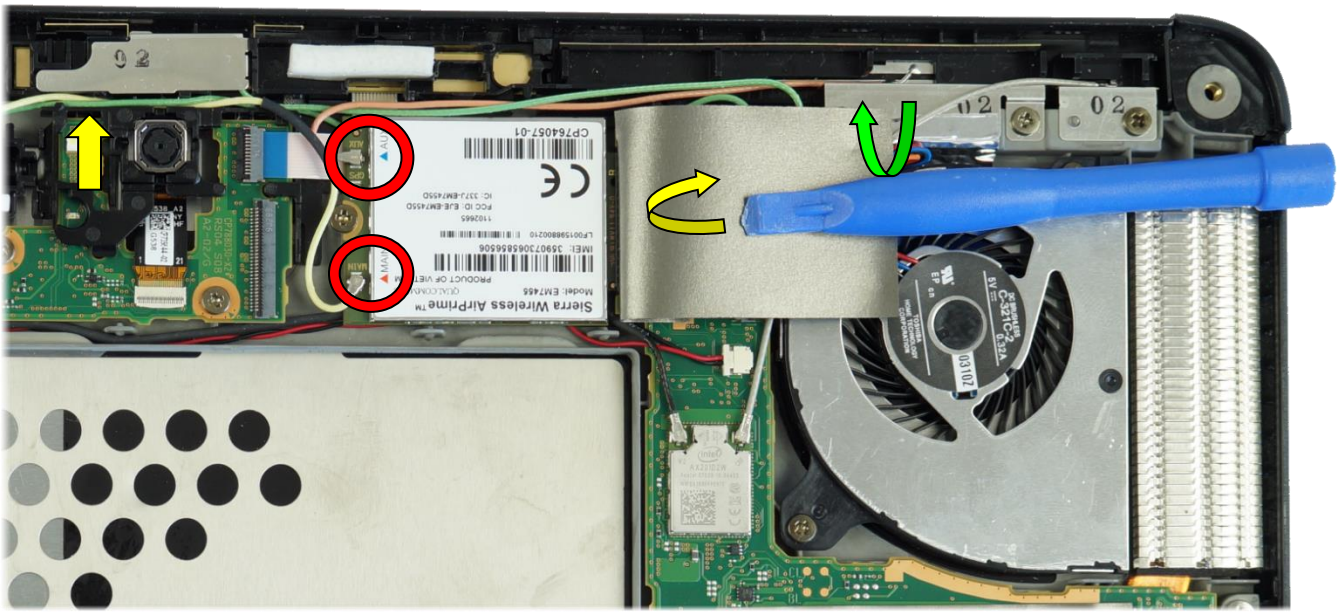
- Screwdriver: Phillips, size PH00



Picture 1

- Remove the two screws M2XL3 (yellow circles).
- The WWAN antennas are marked by red rectangles.
- The LTE module is located under the gasket (blue rectangle).
- Release the two connector locks (yellow rectangles) and remove the flexprint cable.

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Picture 2

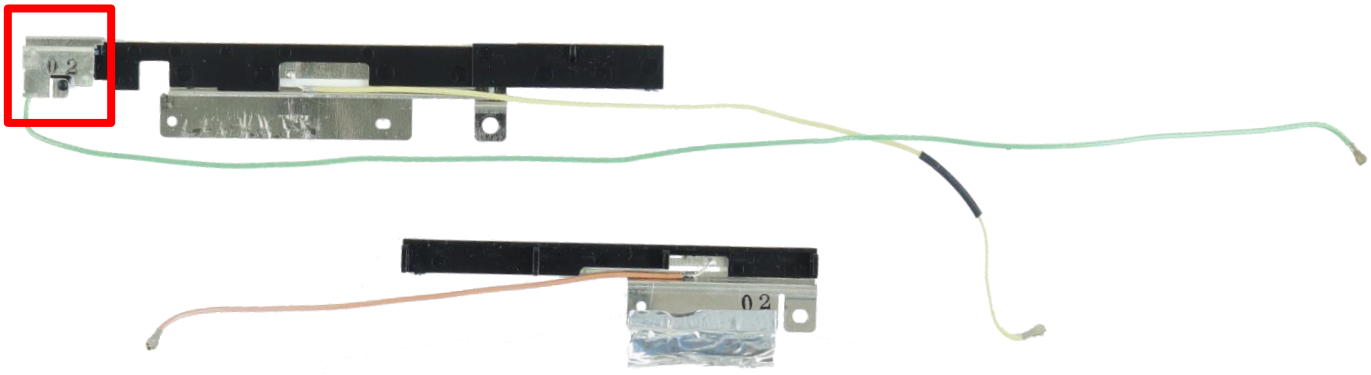
- Place the gasket in the fan direction (yellow arrow).
- Disconnect both WWAN antenna cables (red circles) from the LTE module.
- Remove both WWAN antennas from the device (green arrow).

Please note!

When fitting the LTE module, make sure that both antenna cables are properly connected.
The yellow cable must be connected to the "MAIN" port and the orange one to the "AUX" port.
(yellow -> MAIN; orange -> AUX)

Warning!

- The antenna cables are routed through a cable duct into the camera module (yellow arrow, **picture 2**).
- Please put the antenna cables in their original positions when reassembling.
- The third antenna shown (**picture 3**) is one of the two SAR antennas (red rectangle), which must be disconnected from the WWAN antenna in case of replacement.



Picture 3

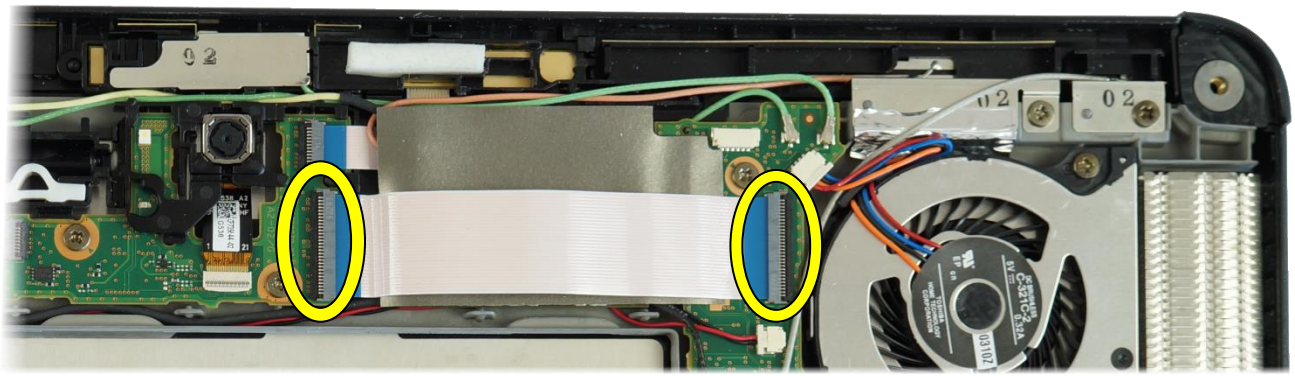
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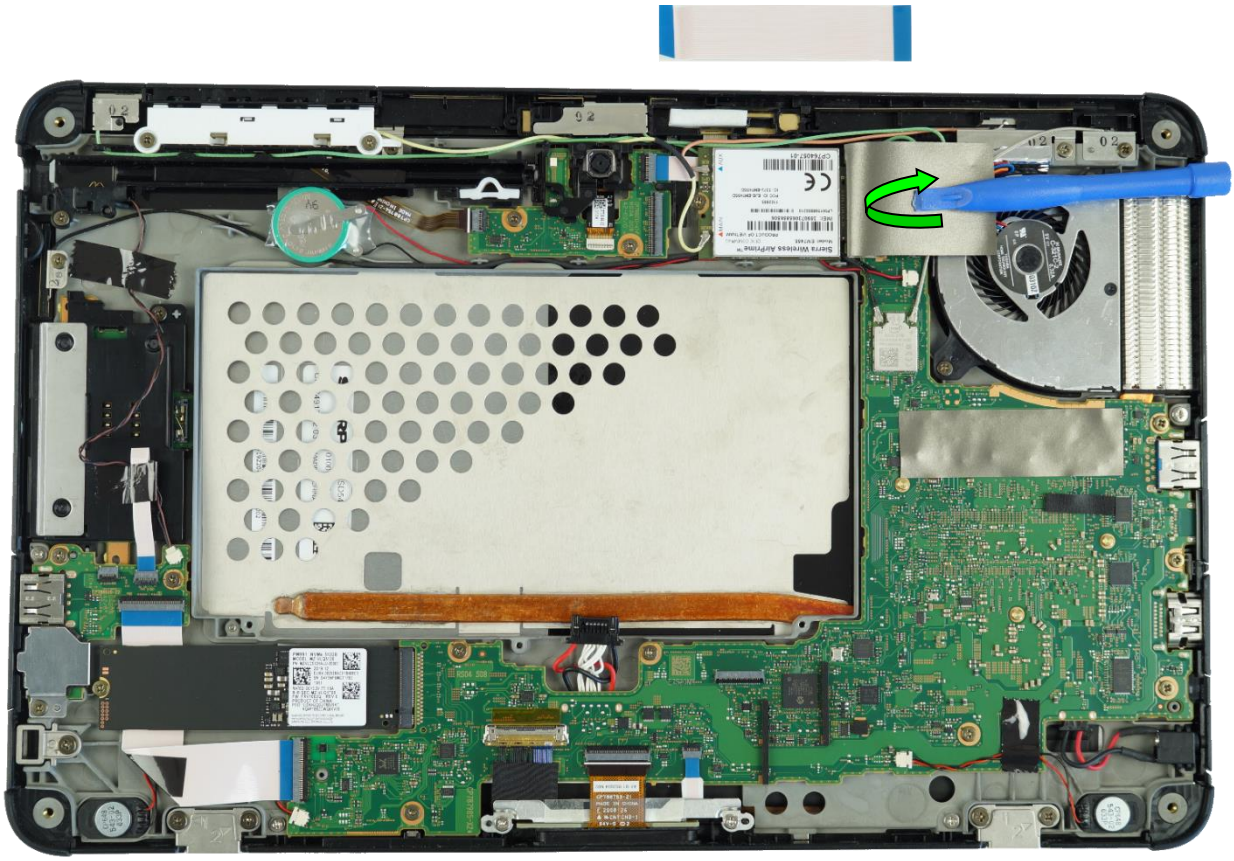
Remove LTE module

Required work steps:
- Remove keyboard
- Remove cradle
- Remove pen
- Removing the LCD back cover assy
- Remove battery

Required tools:
- Screwdriver: Phillips, size PH00



► Disconnect and remove the flexprint cable which is fitted over the LTE module and leads to the camera sub board (yellow circles).



► Put aside the gasket to the right (green arrow). The LTE module is now visible.

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- Disconnect both WWAN antenna cables (red circles) from the LTE module.
- Remove the M2XL2.5-0 screw (yellow circle).
- Now the LTE module is loose and can be removed by slightly increasing its inclination in the direction of the blue arrow.

Warning!

- The antenna cables are routed through a cable duct into the camera module (yellow arrow).
- Please put the antenna cables in their original positions when reassembling.

Please note!

When fitting the LTE module, make sure that both antenna cables are properly connected.
The yellow cable must be connected to the "MAIN" port and the orange one to the "AUX" port.
(yellow -> MAIN; orange -> AUX)



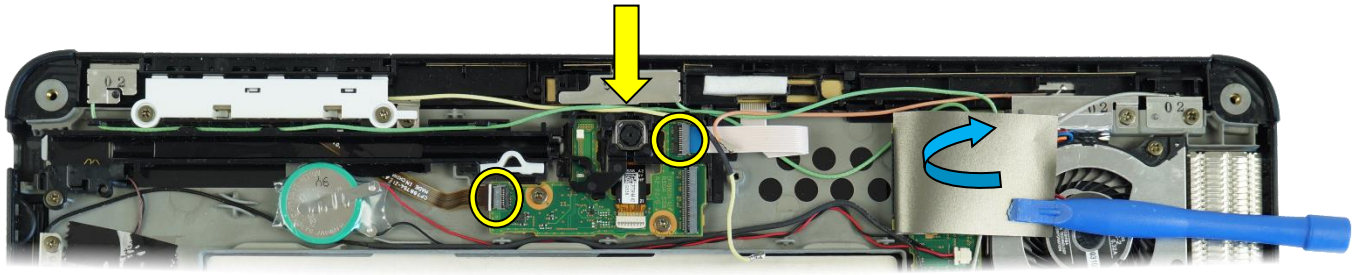
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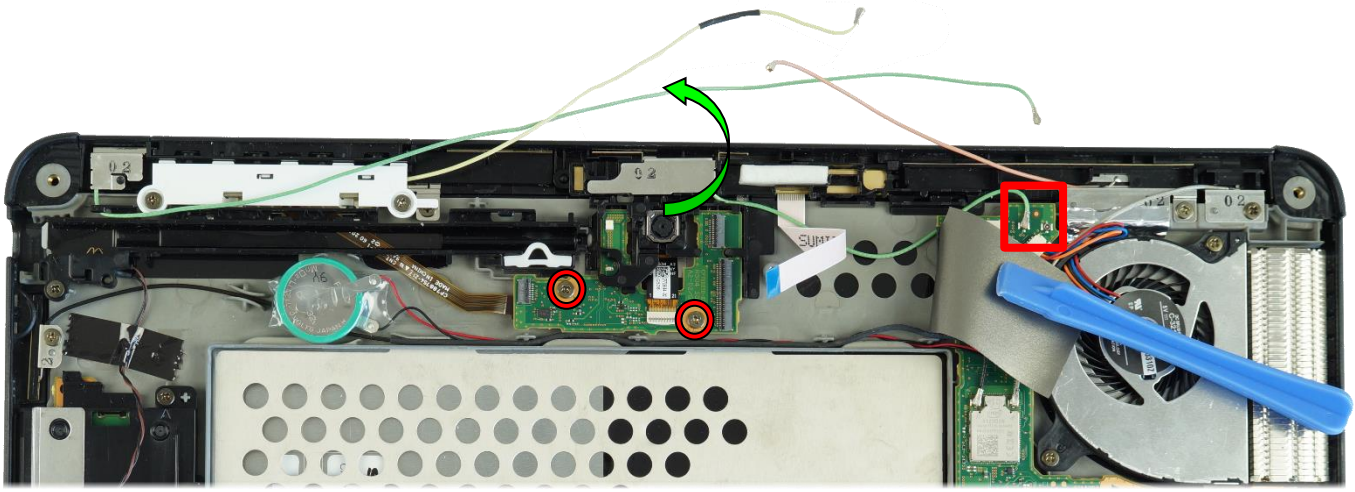
Remove the camera module

Required work steps:
- Remove keyboard
- Remove cradle
- Remove pen
- Removing the LCD back cover assy
- Remove battery
- Remove LTE module

Required tools:
- Screwdriver: Phillips, size PH00

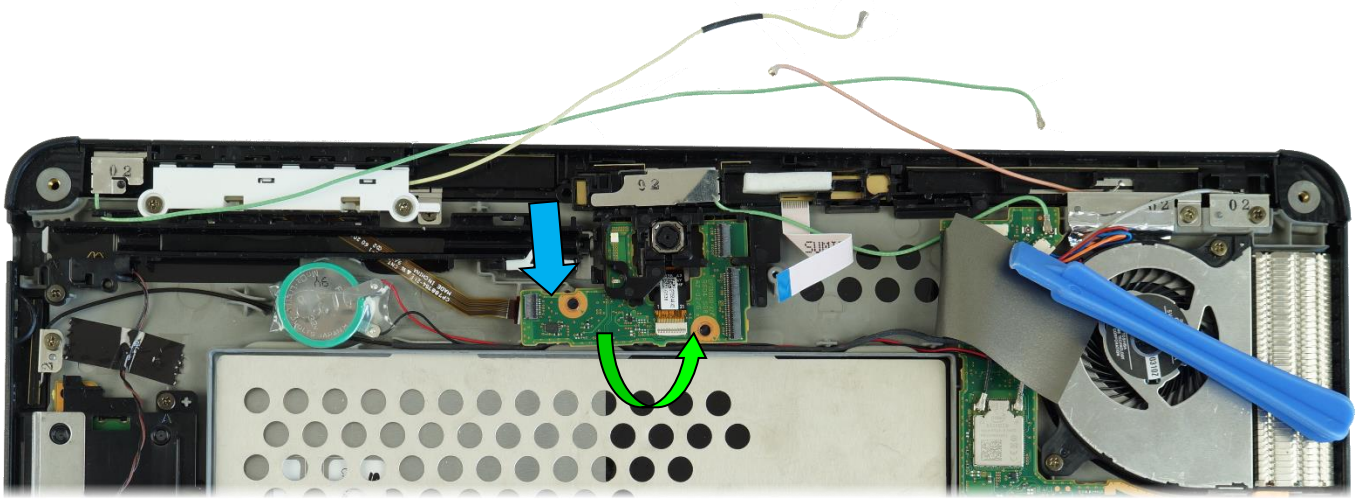


- Put the gasket aside to the right (blue arrow).
- Disconnect the flexprint cables connected to the camera sub board (yellow circles).
- The SAR antenna cable and the WWAN antenna cable run through the cable duct (yellow arrow) of the camera module.

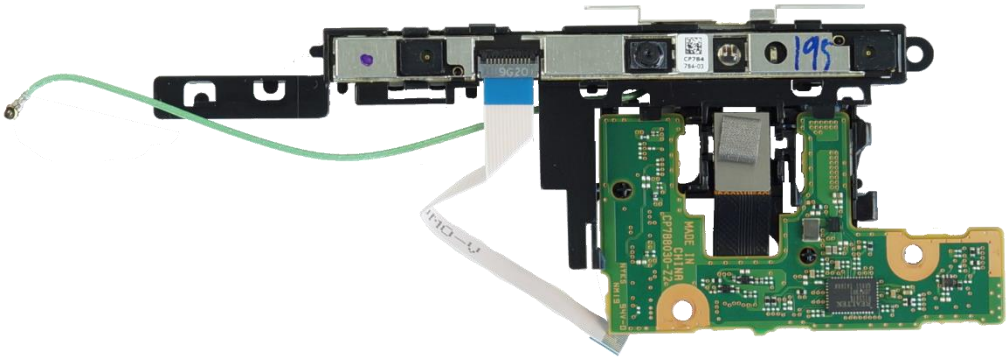


- Disconnect the two SAR antenna cables (red rectangle) from the mainboard and lay them together with the yellow WWAN antenna cable ("MAIN") outside the work area (green arrow).
- Remove both M2XL3 screws (red circle).

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- Carefully release the camera module (blue arrow) in several points. When the position shown above has been reached, the module can be lifted out (green arrow).



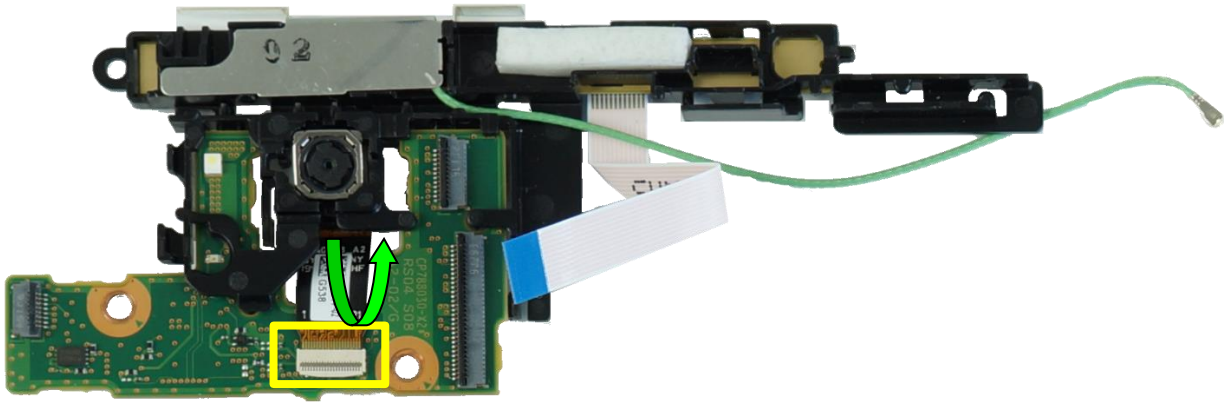
- This module connects different components, which can be ordered separately. The next chapters describe how to disassemble each single component.

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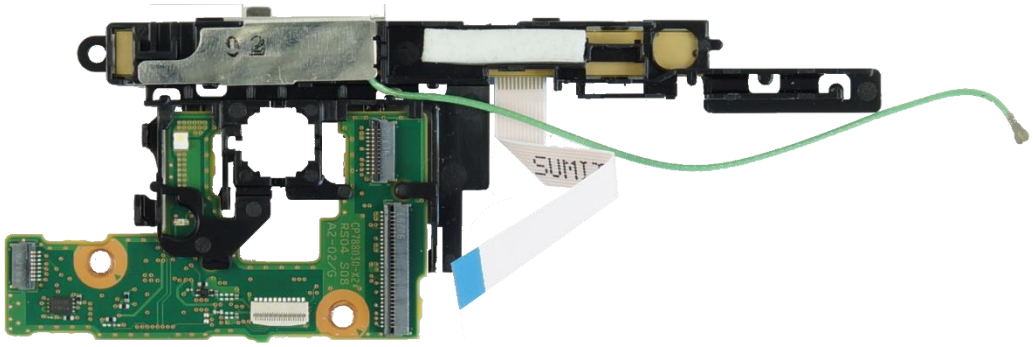
Removing the rear camera

Required work steps:
- Remove keyboard
- Remove cradle
- Remove pen
- Removing the LCD back cover assy
- Remove battery
- Remove LTE module
- Remove the camera module

Required tools:
- Screwdriver: Phillips, size PH00



► The module of the rear camera is connected with a flexprint cable on the sub board of the camera module (yellow rectangle). Disconnect this cable and run the rear camera module out of the module (green arrow).





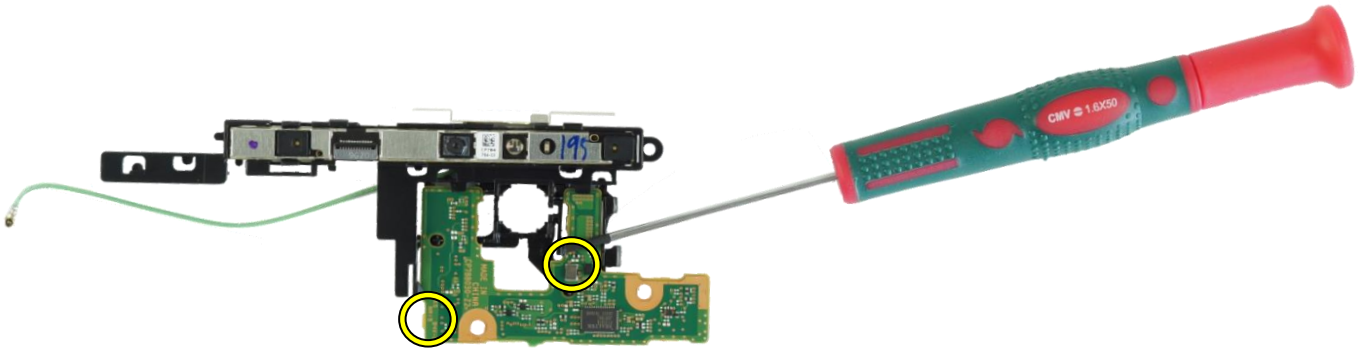
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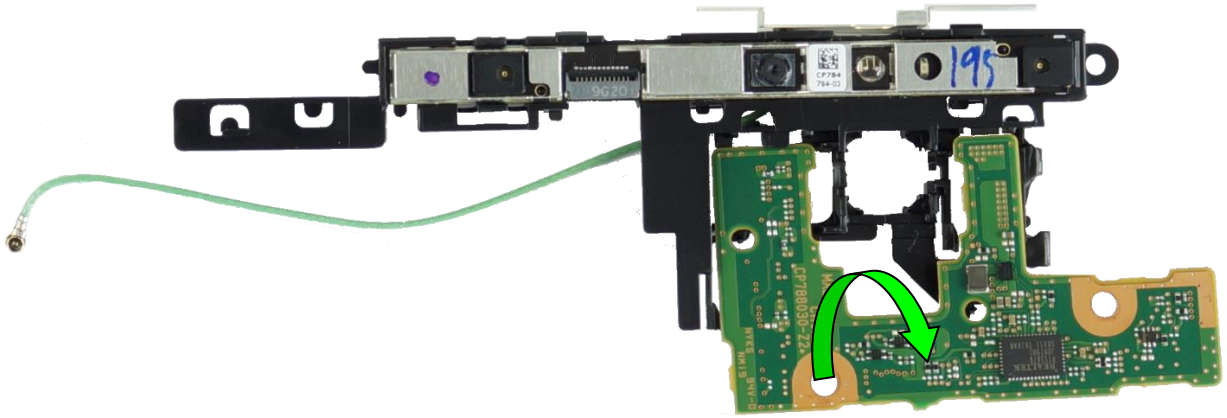
Removing the camera sub board

Required work steps:
- Remove keyboard
- Remove cradle
- Remove pen
- Removing the LCD back cover assy
- Remove battery
- Remove LTE module
- Remove the camera module
- Removing the rear camera

Required tools:
- Screwdriver: Phillips, size PH00
- Plastic tool



► Use a plastic tool, screwdriver or your fingers to release the two plastic brackets (yellow circles). By pressing these sideways, the sub board can be lifted and removed.



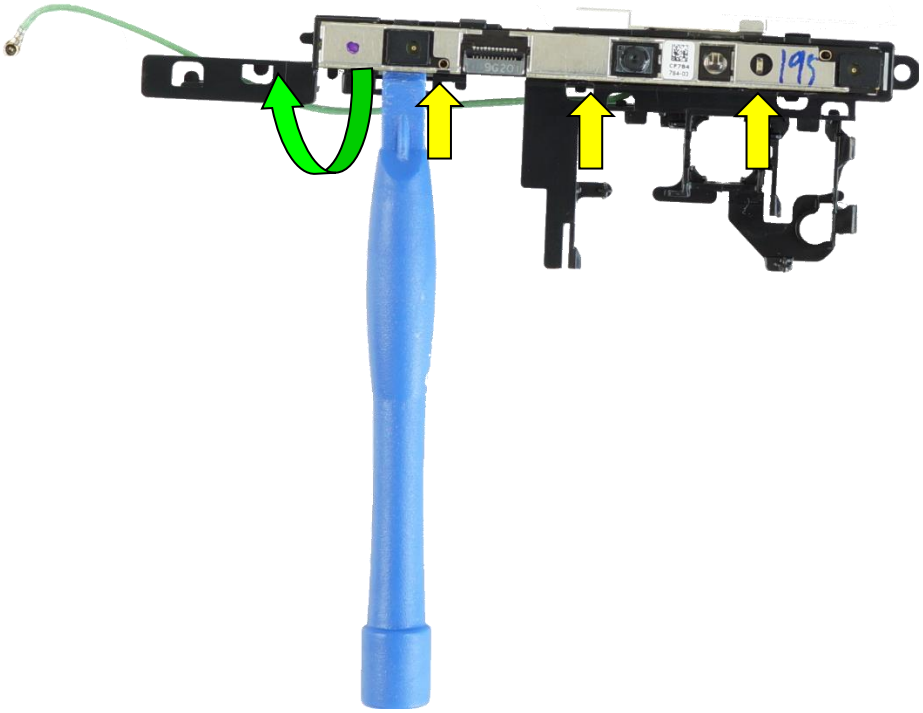
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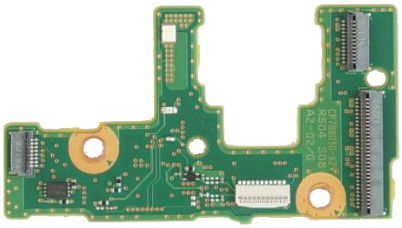
Service Partner only

Removing the front camera

Required work steps:
- Remove keyboard
- Remove cradle
- Remove pen
- Removing the LCD back cover assy
- Remove battery
- Remove LTE module
- Remove the camera module

Required tools:
- Screwdriver: Phillips, size PH00
- Plastic tool





► Carefully release and lift the camera module in several points (yellow arrows) with a plastic tool and disconnect it from its frame holder (green arrow).



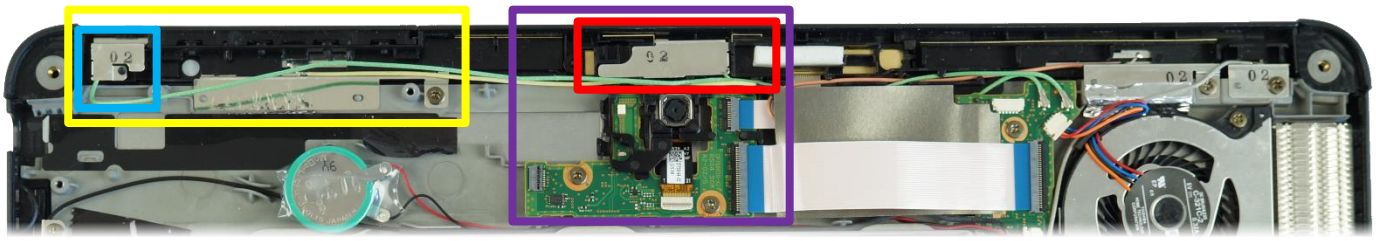
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Service Partner only

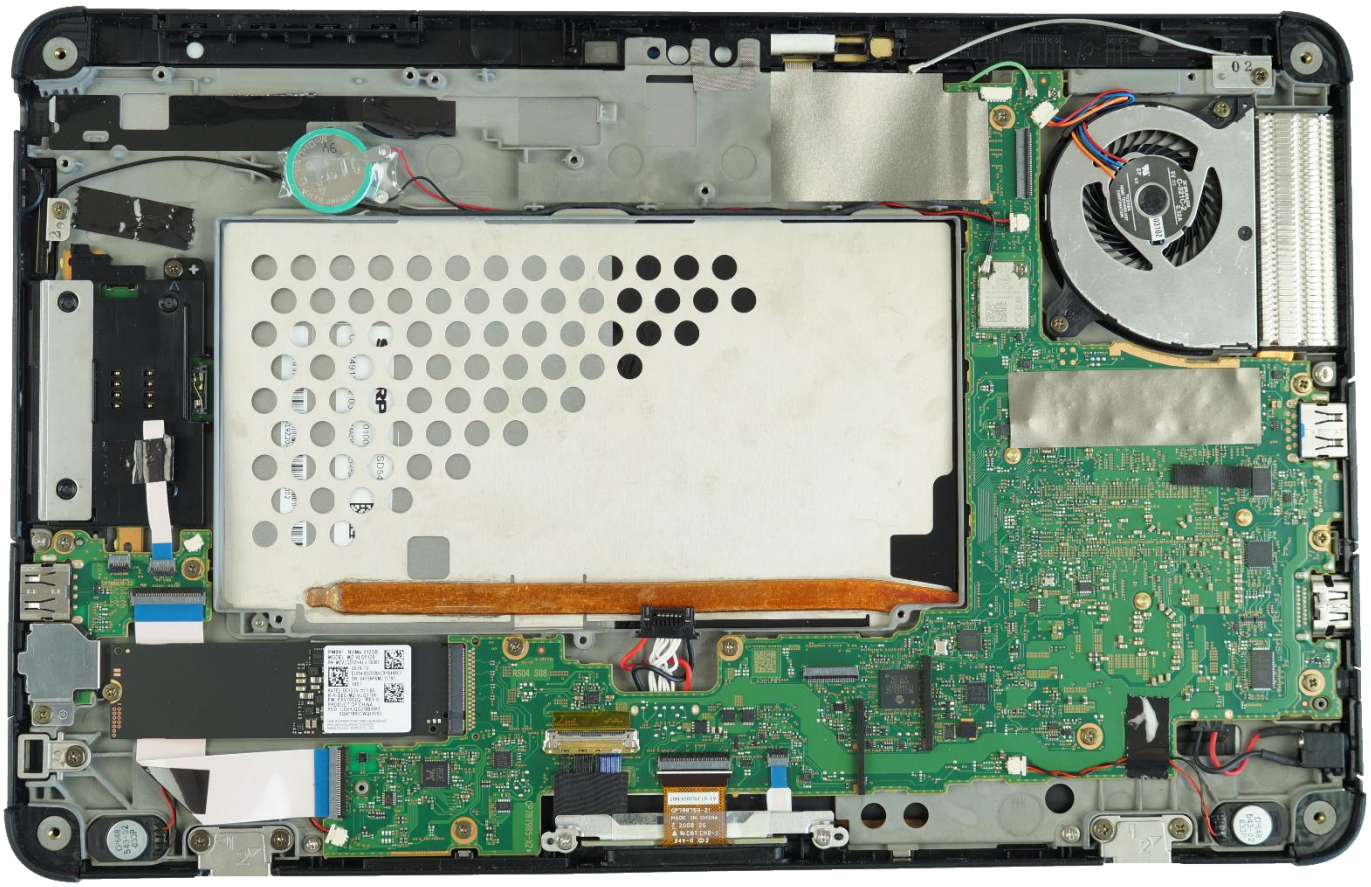
Remove SAR antennas

Required work steps:
- Remove keyboard
- Remove cradle
- Remove pen
- Removing the LCD back cover assy
- Remove battery
- Remove LTE module
- Remove pen garage
- Remove the application key sub board
- Removing the WWAN antennas
- Remove the camera module

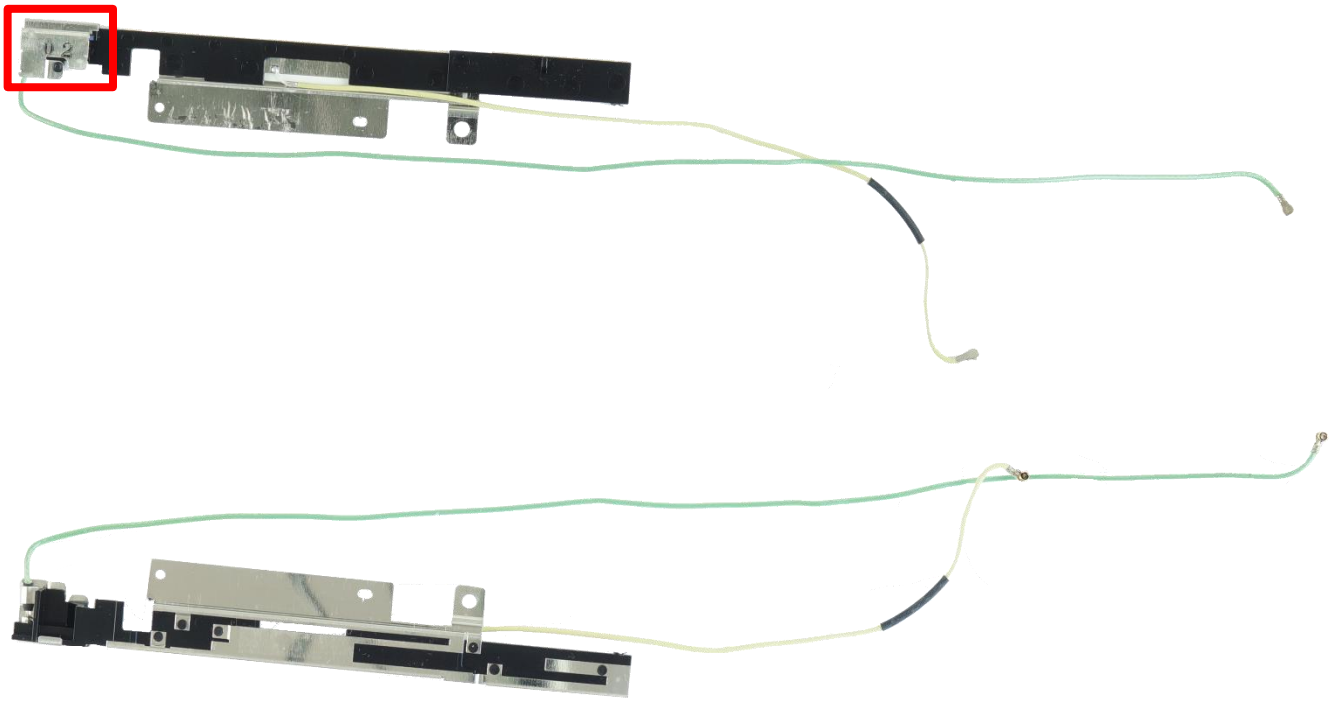
Required tools:
- Plastic tool



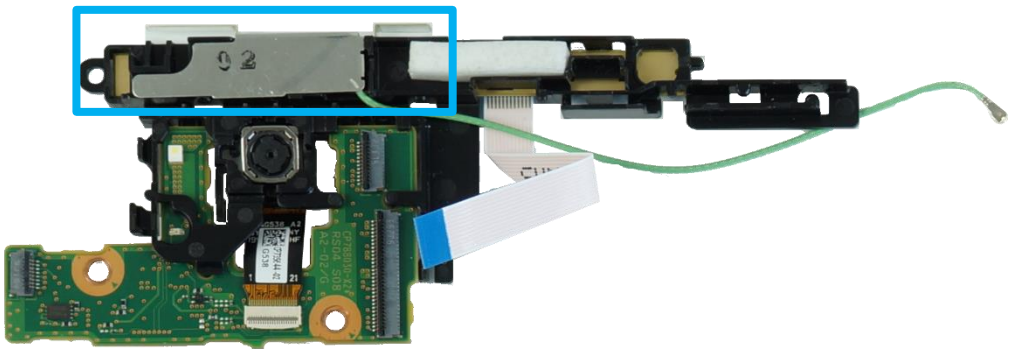
- One SAR antenna (blue rectangle) is integrated in the bracket of the WWAN antenna (yellow rectangle), the other SAR antenna (red rectangle) is located over the camera module (purple rectangle).
- Please consider all the necessary steps, especially those described in chapter Removing the WWAN antennas and Removing the camera module.



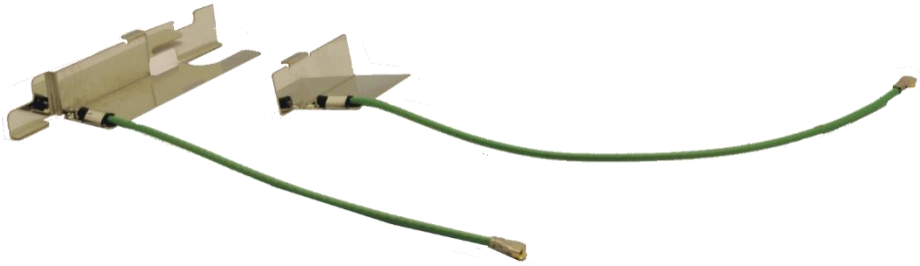
Service Partner only



- Release carefully the first SAR antenna from the WWAN antenna (red rectangle). Use a plastic tool if necessary.



- Release the second SAR antenna (blue rectangle) from the camera module. Use a plastic tool if necessary.



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Service Partner only

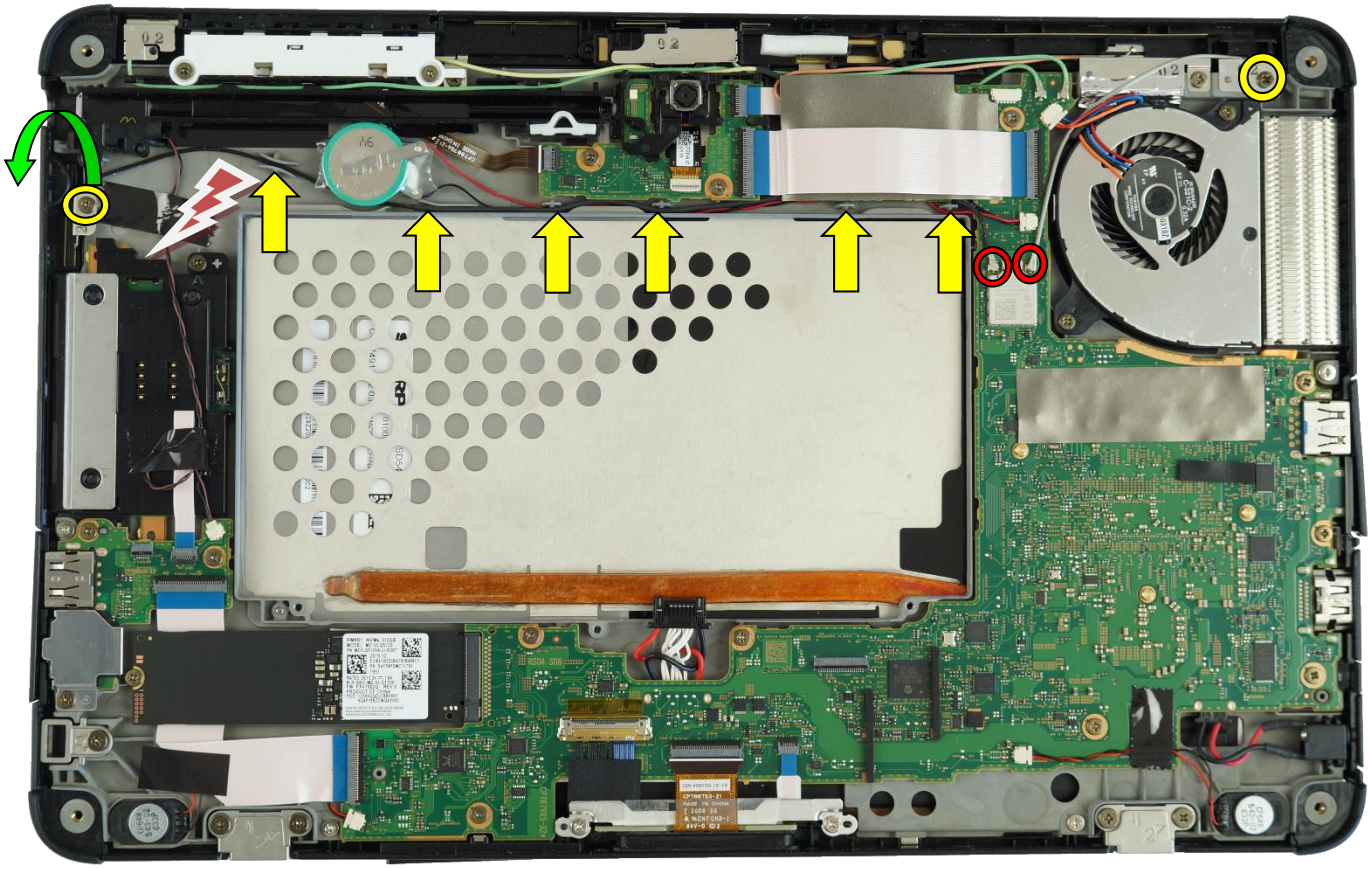
Removing the WLAN antennas

Required work steps:

- Remove keyboard
- Remove cradle
- Remove pen
- Removing the LCD back cover assy
- Remove battery

Required tools:

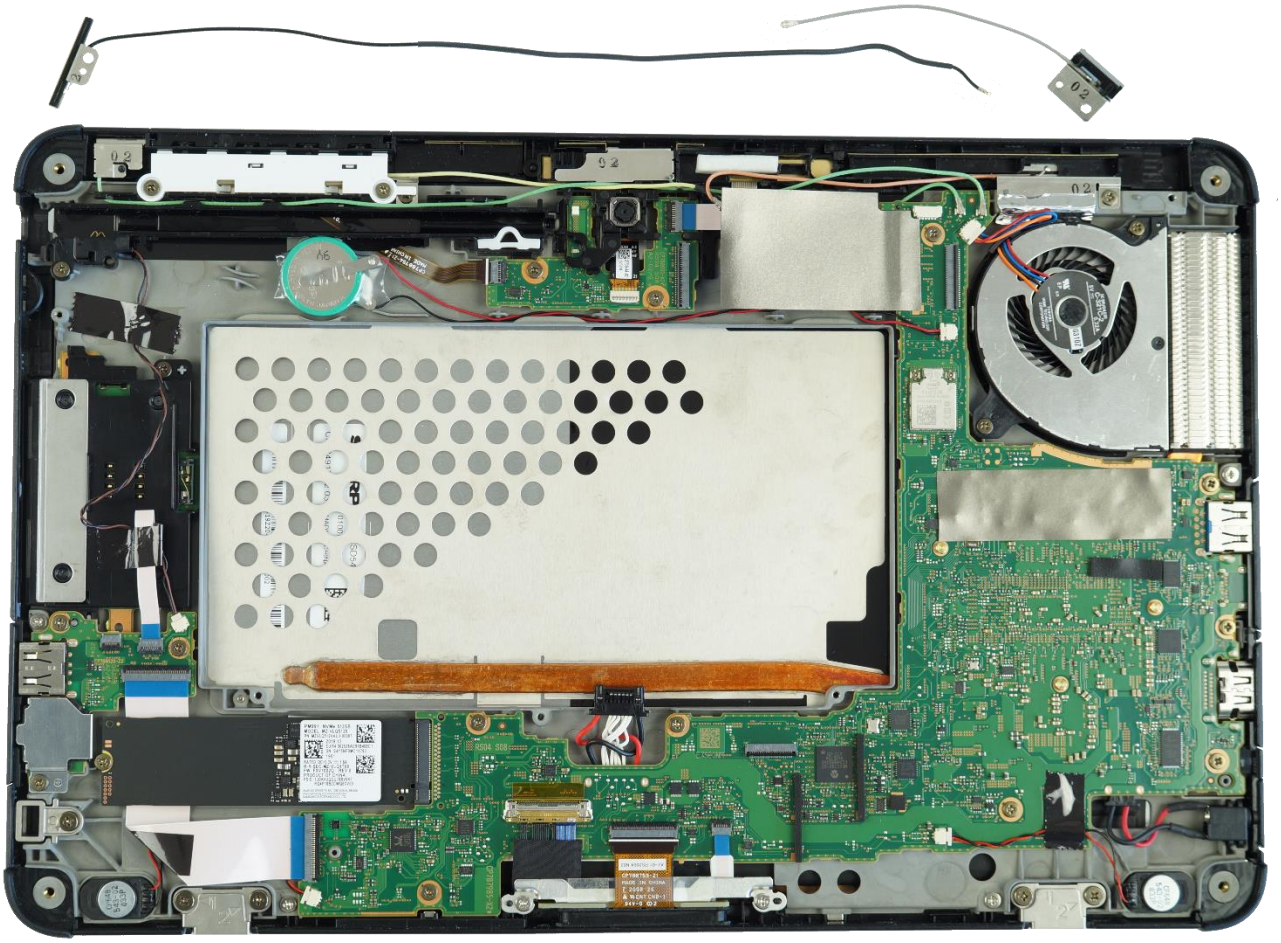
- Screwdriver: Phillips, size PH00



- Remove the two M2XL3 screws (yellow circle).
- Disconnect both WLAN antenna cables (red circles).
- It may be necessary to remove the adhesive tape and the cable from the pen garage (red flash).
- After replacement, the cables must be returned to their intended positions (yellow arrows).



Service Partner only



Please note!

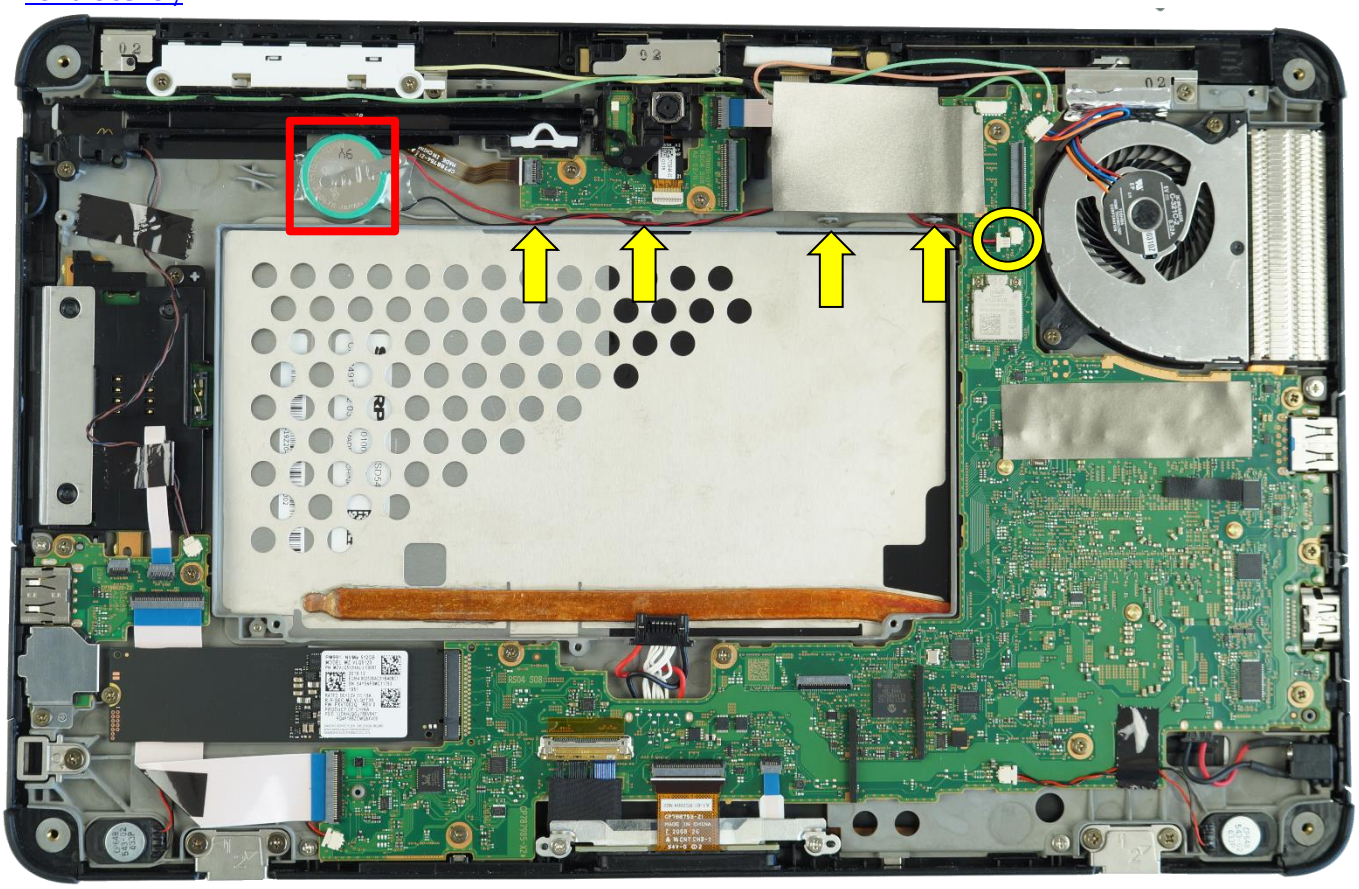
When fitting the WLAN antennas, make sure that both antenna cables are properly connected.
The grey cable must be connected to the "AUX" port and the black one to the "MAIN" port.
(grey -> AUX; black -> MAIN)

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Remove CMOS battery

Required work steps:
- Remove keyboard
- Remove cradle
- Remove pen
- Removing the LCD back cover assy
- Remove battery

Required tools:
- Screwdriver: Phillips, size PH00



- Disconnect the cable (yellow circle).
- Carefully remove the CMOS battery (red rectangle) and the associated cable.

Please note!

- It can be ordered separately. Supplied together with the mainboard.
- After assembling, the cable must be returned to its original position (yellow arrows).



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Service Partner only

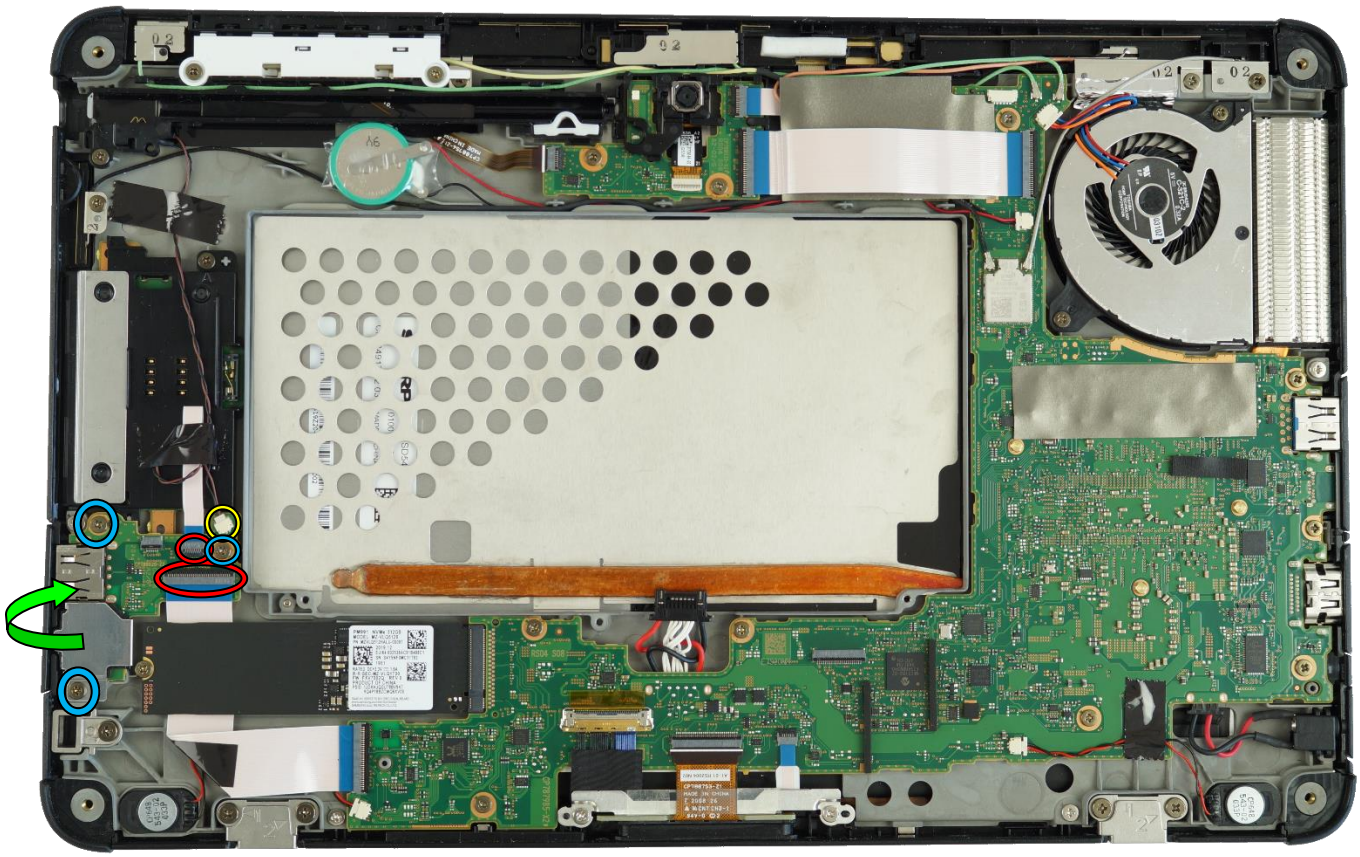
Removing the USB / audio sub board

Required work steps:

- Remove keyboard
- Remove cradle
- Remove pen
- Removing the LCD back cover assy
- Remove battery

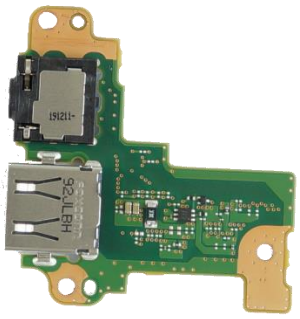
Required tools:

- Screwdriver: Phillips, size PH00

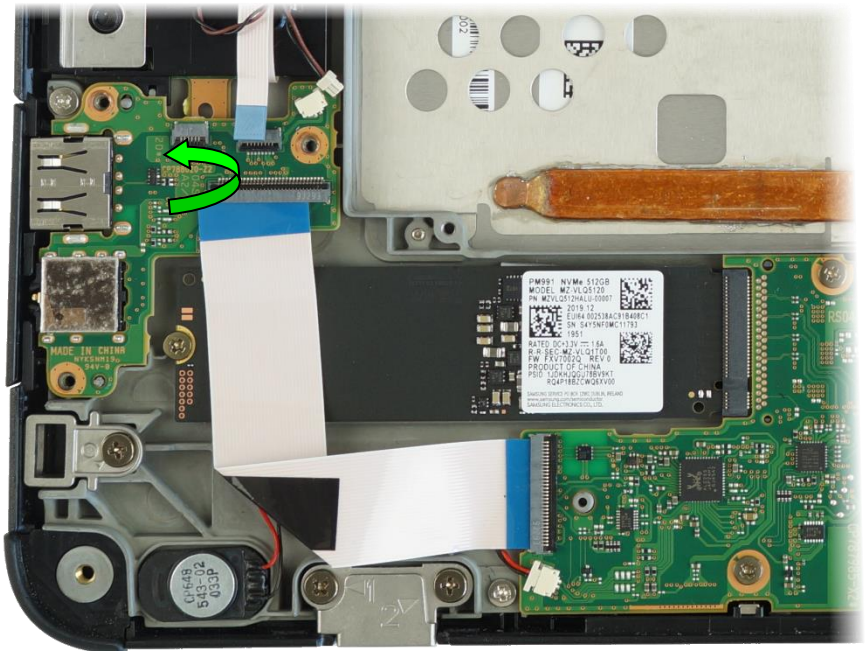


- Disconnect both flexprint cables (red circles).
- Carefully disconnect the pen garage cable (yellow circle).
- Remove the three M2XL2.5-0 screws (blue circles).
- The audio panel is now loose and can be removed in the green arrow direction.



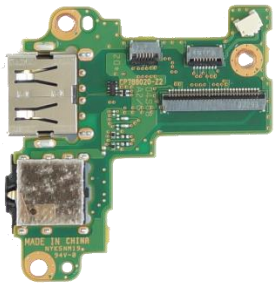


Service Partner only



- Afterwards the USB/audio sub board can be removed in the green arrow direction.





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Service Partner only

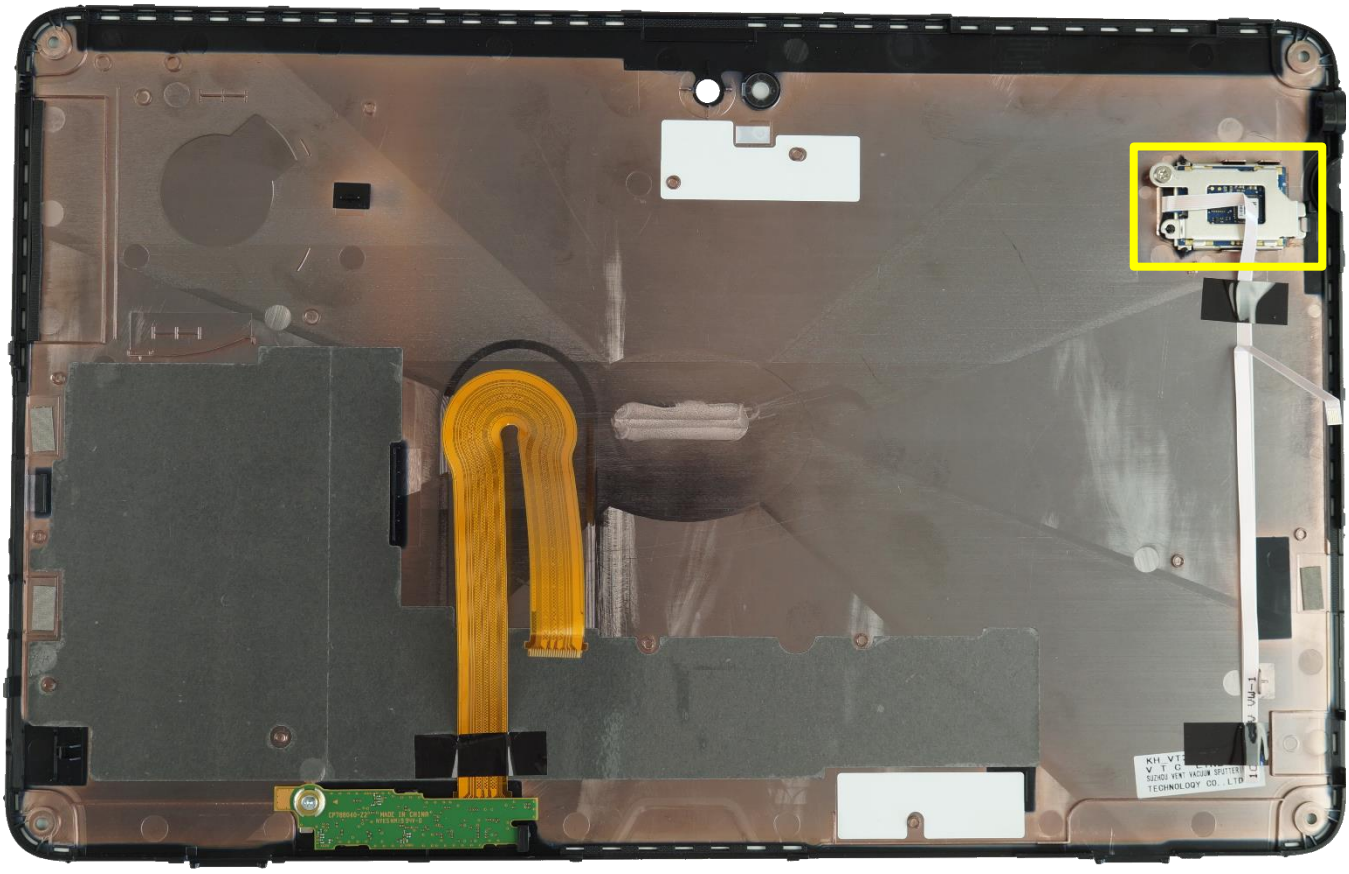
Removing the fingerprint sensor

Required work steps:

- Remove keyboard
- Remove cradle
- Remove pen
- Removing the LCD back cover assy
- Remove battery

Required tools:

- Screwdriver: Phillips, size PH00



Please observe this information when you use the fingerprint sensor!

- The figure above shows a device configuration with fingerprint sensor (yellow rectangle).
- When the fingerprint sensor is used, the fingerprint sub board is integrated in the LCD back cover assy (LCD back cover for SIM W / FP) and must be completely replaced if defective. The fingerprint sub board is not available separately.

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Service Partner only

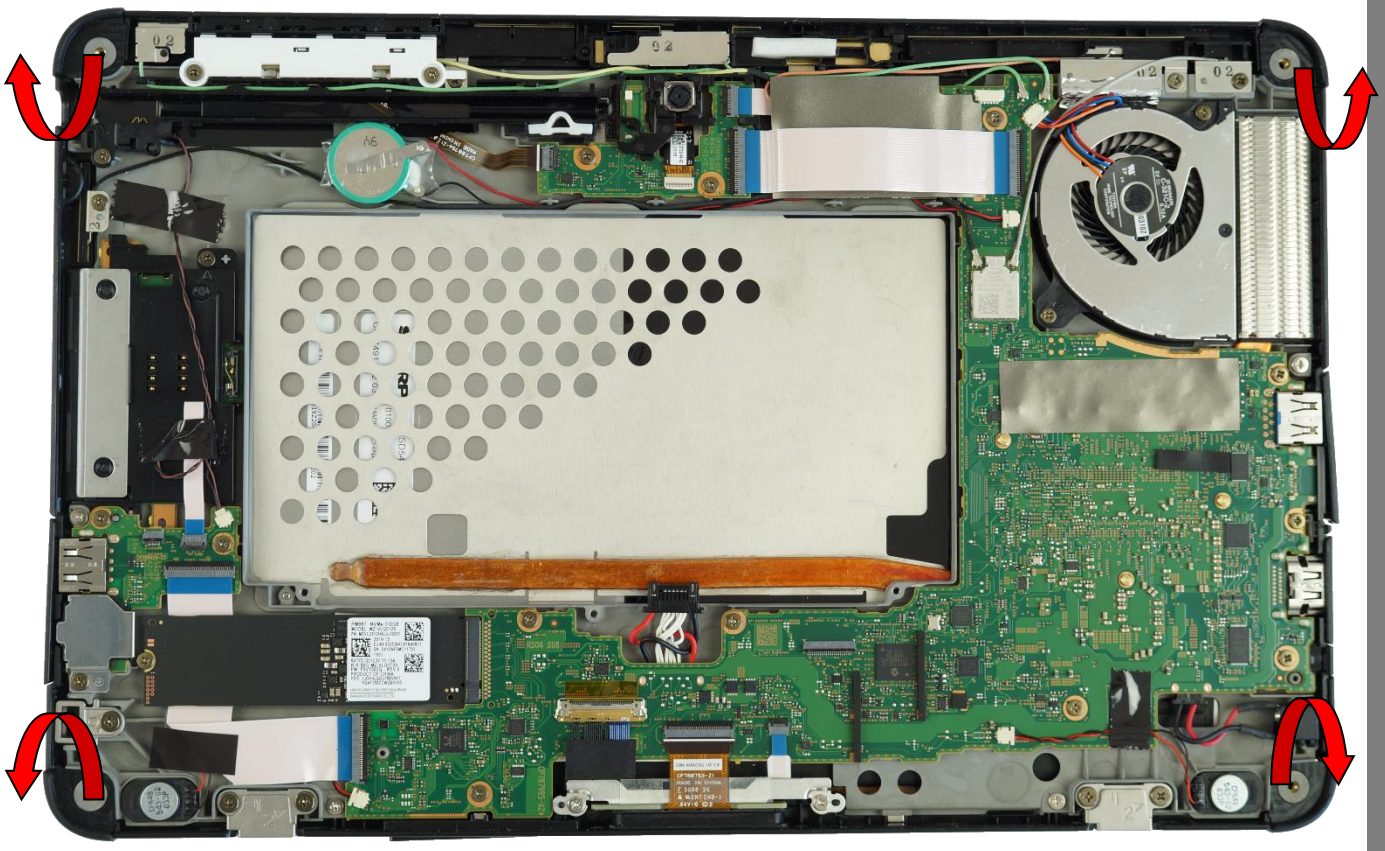
Remove corner rubbers

Required work steps:

- Remove keyboard
- Remove cradle
- Remove pen
- Removing the LCD back cover assy
- Remove battery

Required tools:

- Screwdriver: Phillips, size PH00



► Lift each corner rubber from its bracket.



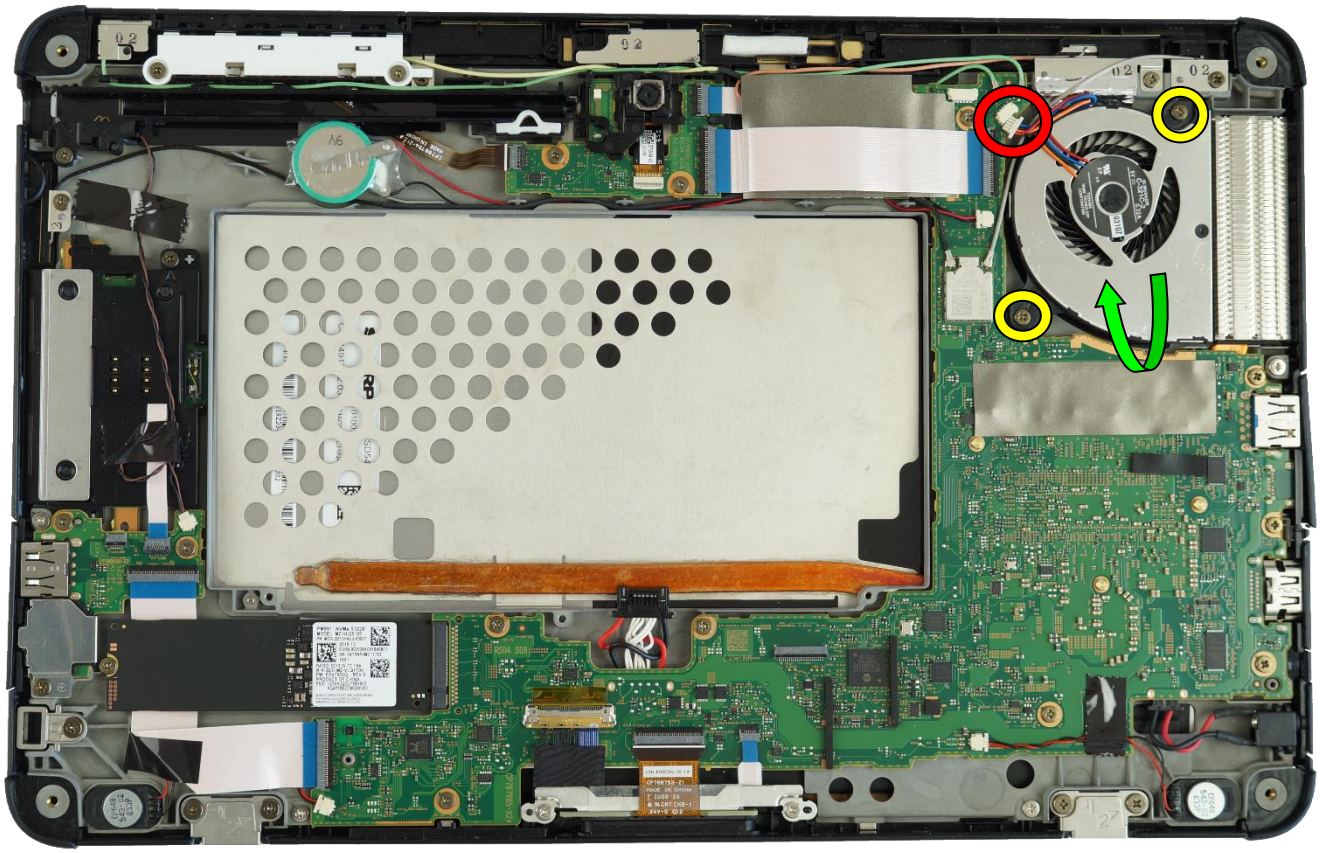
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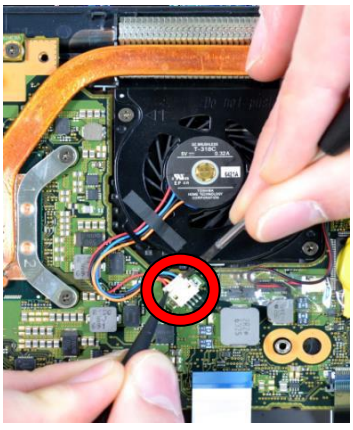
Remove fan

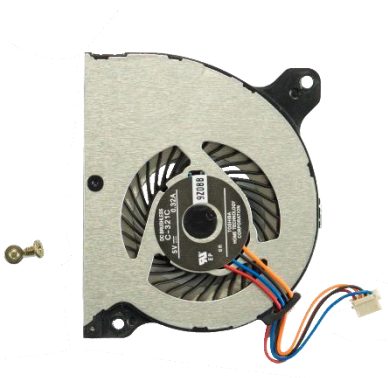
Required work steps:
- Remove keyboard
- Remove cradle
- Remove pen
- Removing the LCD back cover assy
- Remove battery

Required tools:
- Screwdriver: Phillips, size PH00



- Remove both screws M2XL3 (yellow circles).
- The cable of the fan connector may be a bit difficult to disconnect (red circle). In this case, try disconnecting it with two tools (figure below).
- Carefully lift the fan out (green arrow).





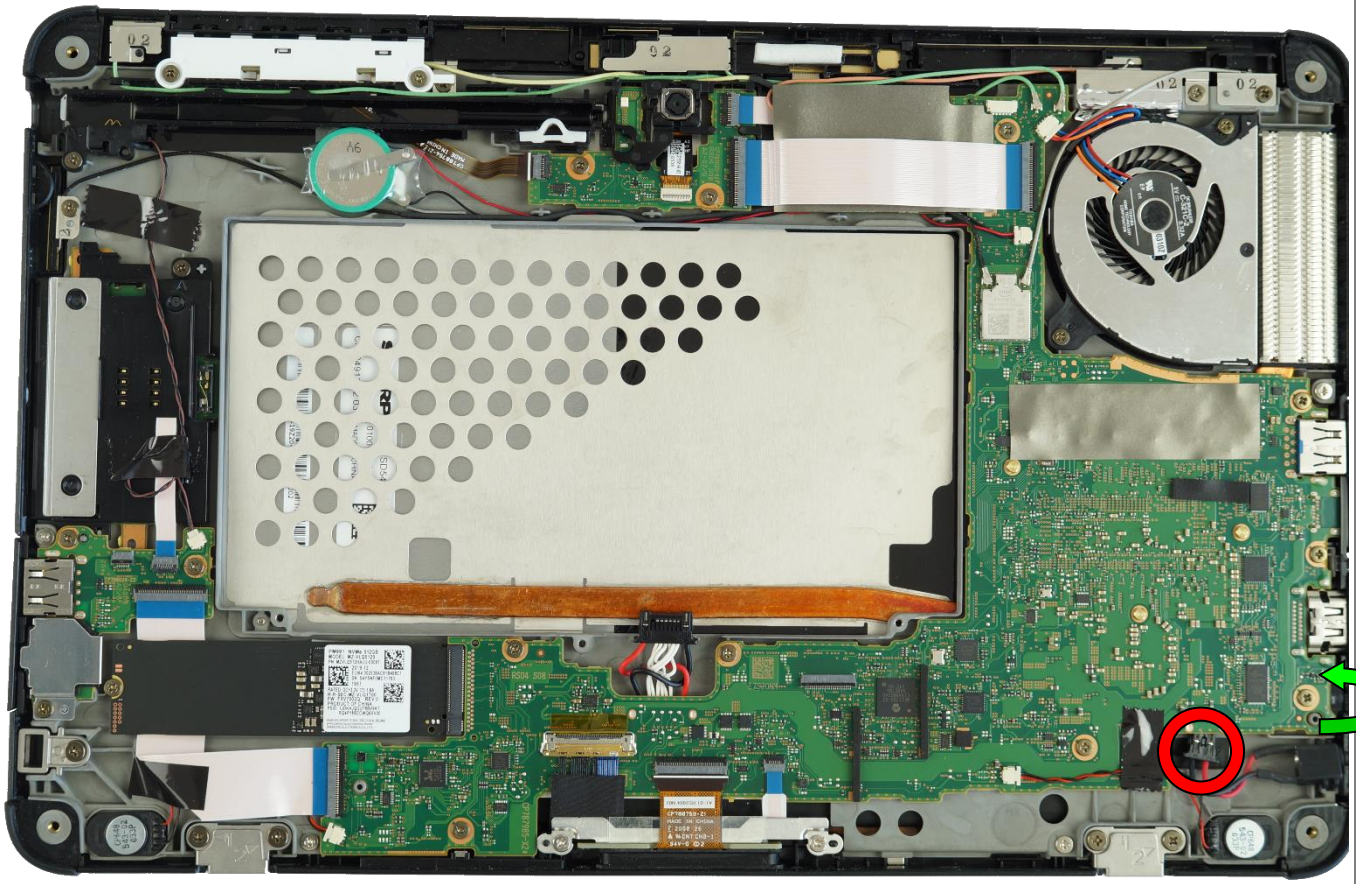
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Service Partner only

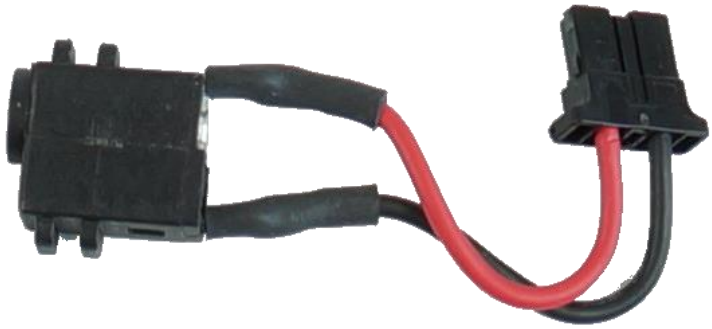
Removing the DC-in connector

Required work steps:
- Remove keyboard
- Remove cradle
- Remove pen
- Removing the LCD back cover assy
- Remove battery

Required tools:
- Screwdriver: Phillips, size PH00



- Disconnect the connection cable from the mainboard (red circle).
- Pull out the DC-in connector (green arrow).



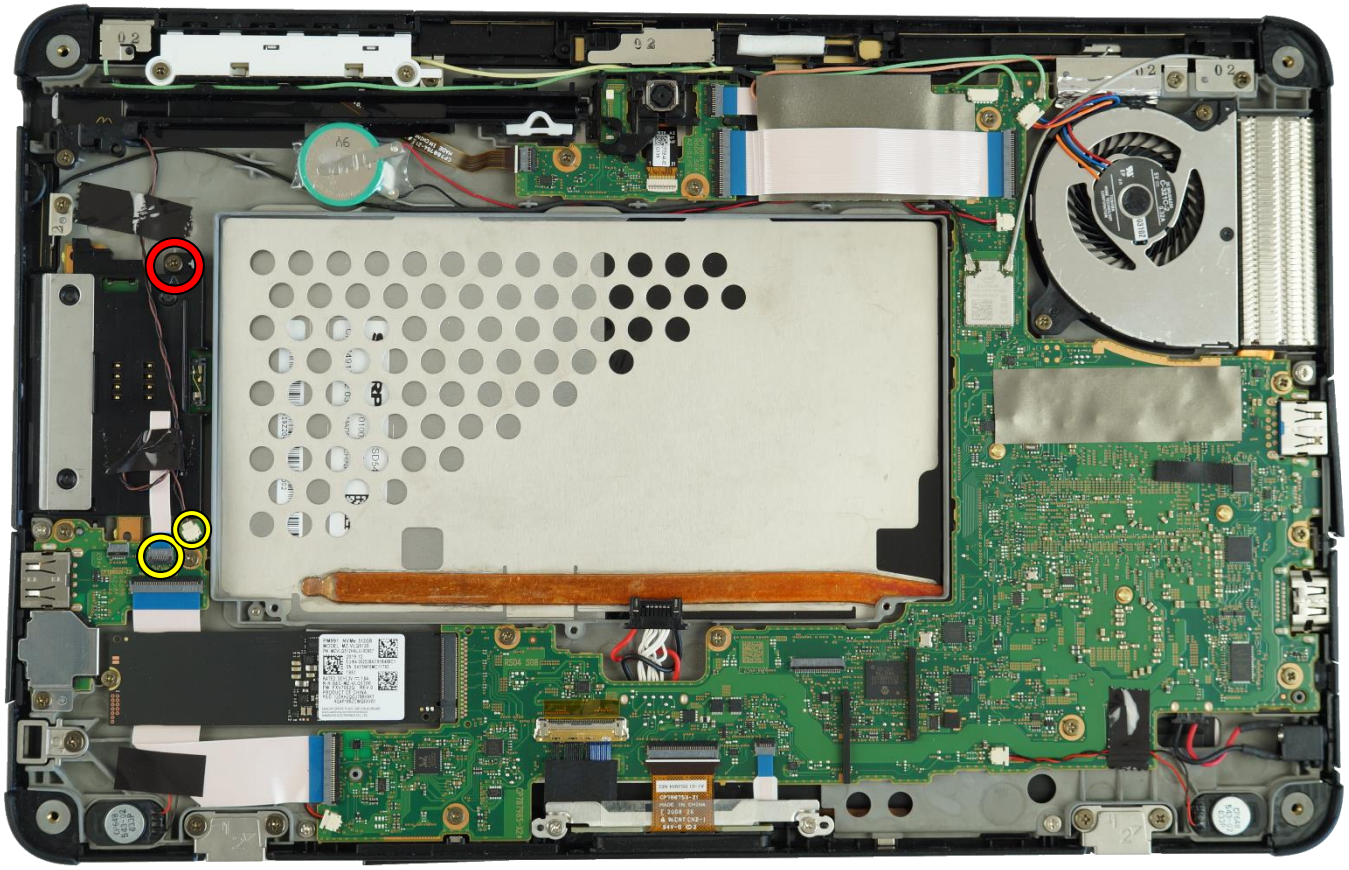
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Service Partner only

Removing the SmartCard reader

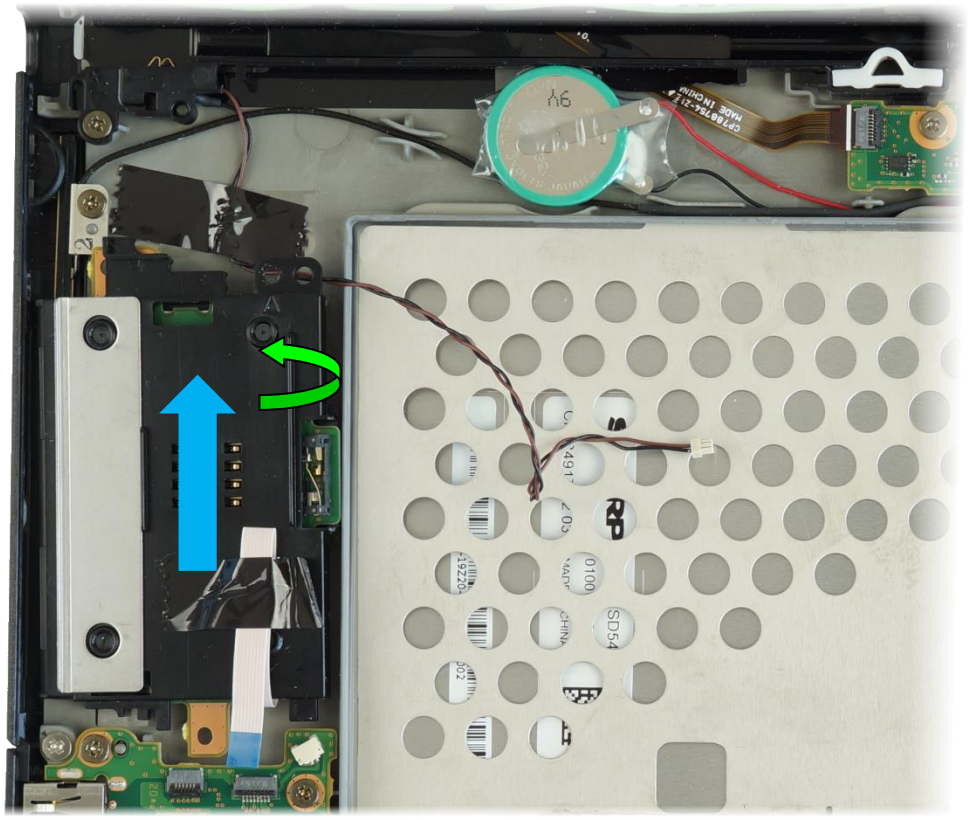
Required work steps:
- Remove keyboard
- Remove cradle
- Remove pen
- Removing the LCD back cover assy
- Remove battery

Required tools:
- Screwdriver: Phillips, size PH00

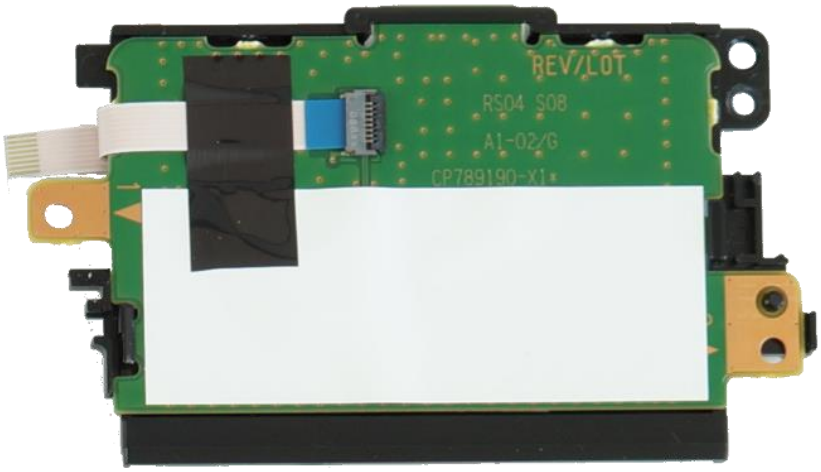


- ► Disconnect the cables (yellow circles).
- ► Remove the M2XL3 screw (red circle).

Service Partner only



- Push the SmartCard reader slightly upwards (blue arrow).
- Lift the SmartCard reader (green arrow).



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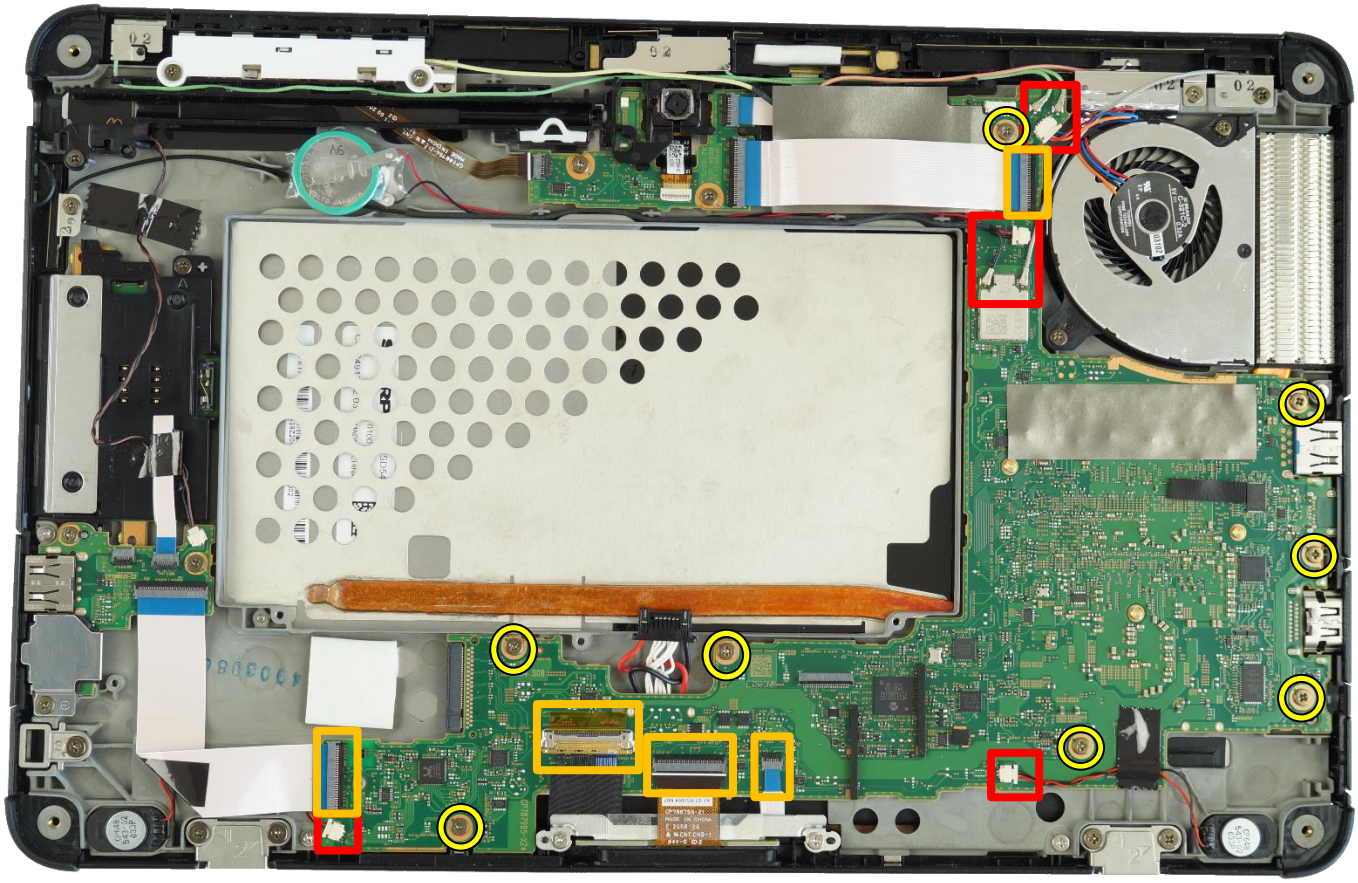
Service Partner only

Remove mainboard

Required work steps:
- Remove keyboard
- Remove cradle
- Remove pen
- Removing the LCD back cover assy
- Remove battery
- Remove M.2 module
- Remove LTE module
- Removing the DC-in connector

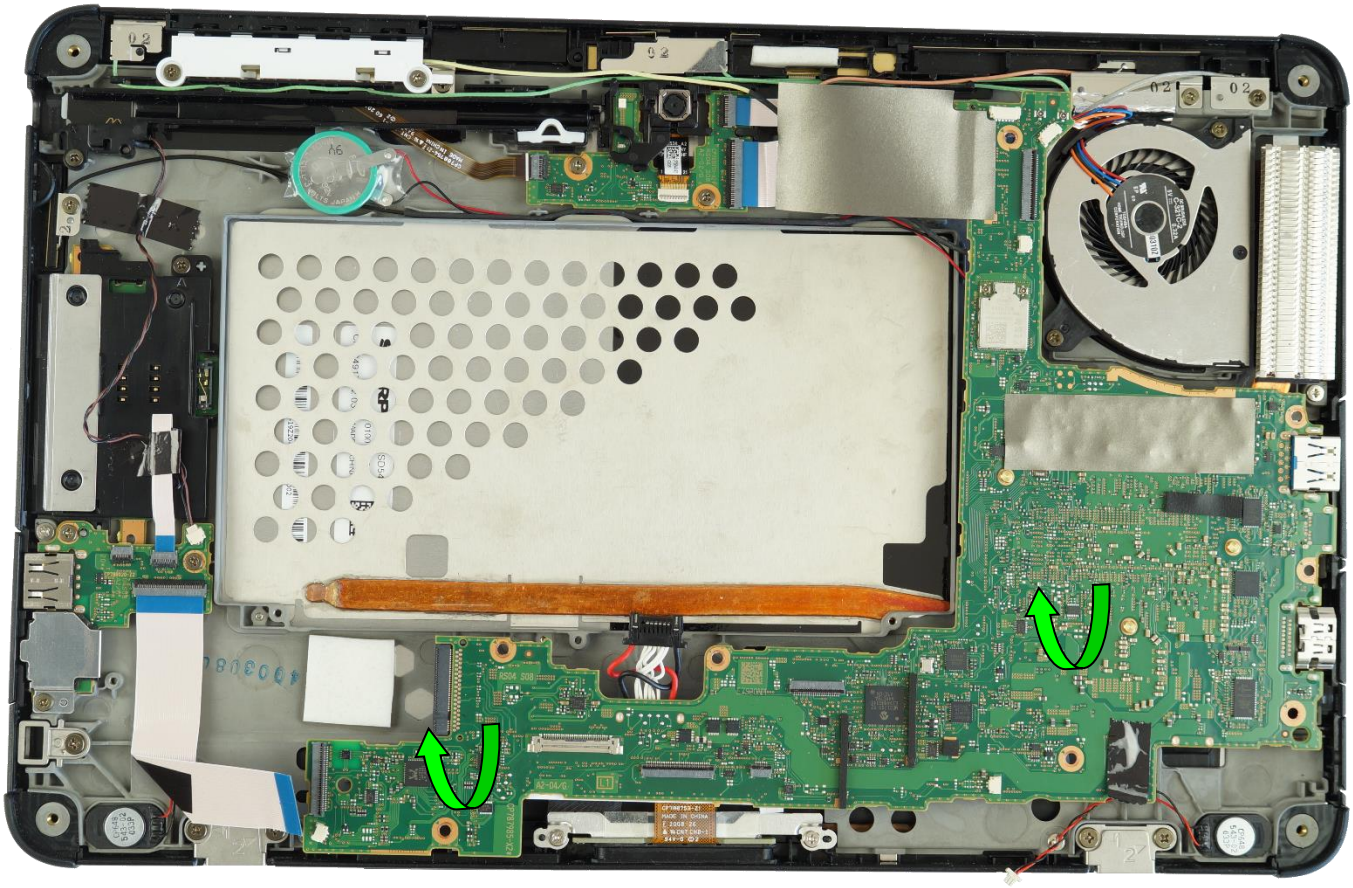
Required tools:
- Screwdriver: Phillips, size PH00

Please note!
- If you replace the mainboard with a new one, please do not forget to also remove the LTE module, the M.2 module, the SIM tray and the connecting cable between the main board and the battery.
- The new mainboard is supplied with a mounted heatsink, integrated TPM module, WLAN module and working memory and a CMOS battery.



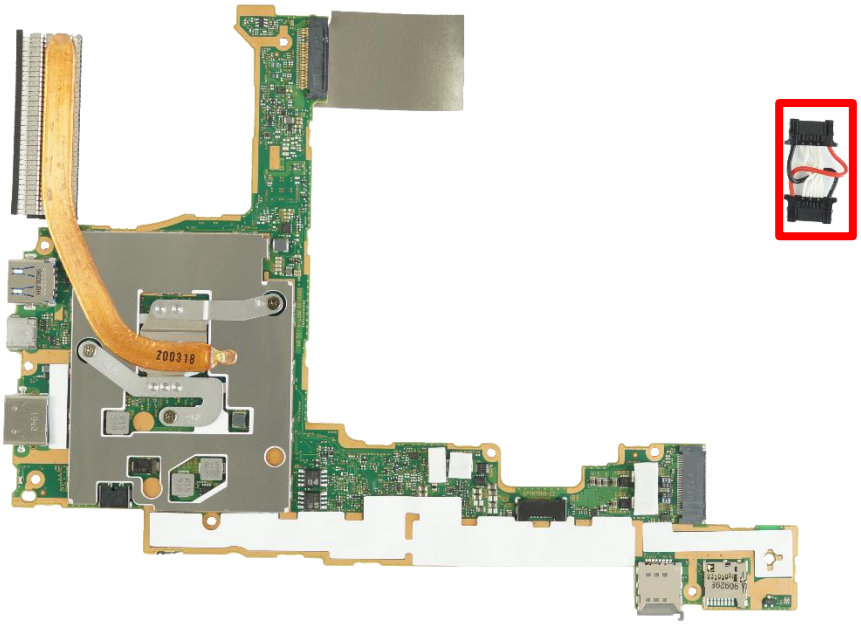
- Remove all cards or plastic dummies (e.g. SIM card, SD card, etc.) and the relevant pen.
- Disconnect the SAR and WLAN antenna cables, the fan cable, the cable of the CMOS battery and the cables of the speakers (red rectangles).
- Loosen the cables from their brackets (orange rectangles).
- Remove the eight M2XL3 screws (yellow circles).

Service Partner only



► Now carefully lift the mainboard (green arrows).

- When you remove the mainboard, pay attention also to the housing, as the mainboard may be a bit jammed or canted.
- The device may be equipped with antenna cables even if no WLAN/WWAN module is installed.
- When assembling the device, if no module is installed make sure to protect the antenna cables from possible short-circuits, e.g. with ESD adhesive tape.
- The mainboard is always supplied with a heatsink.
- The connecting cable between the mainboard and the battery (red rectangle) can be ordered separately and must be removed from the main board.



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Service Partner only

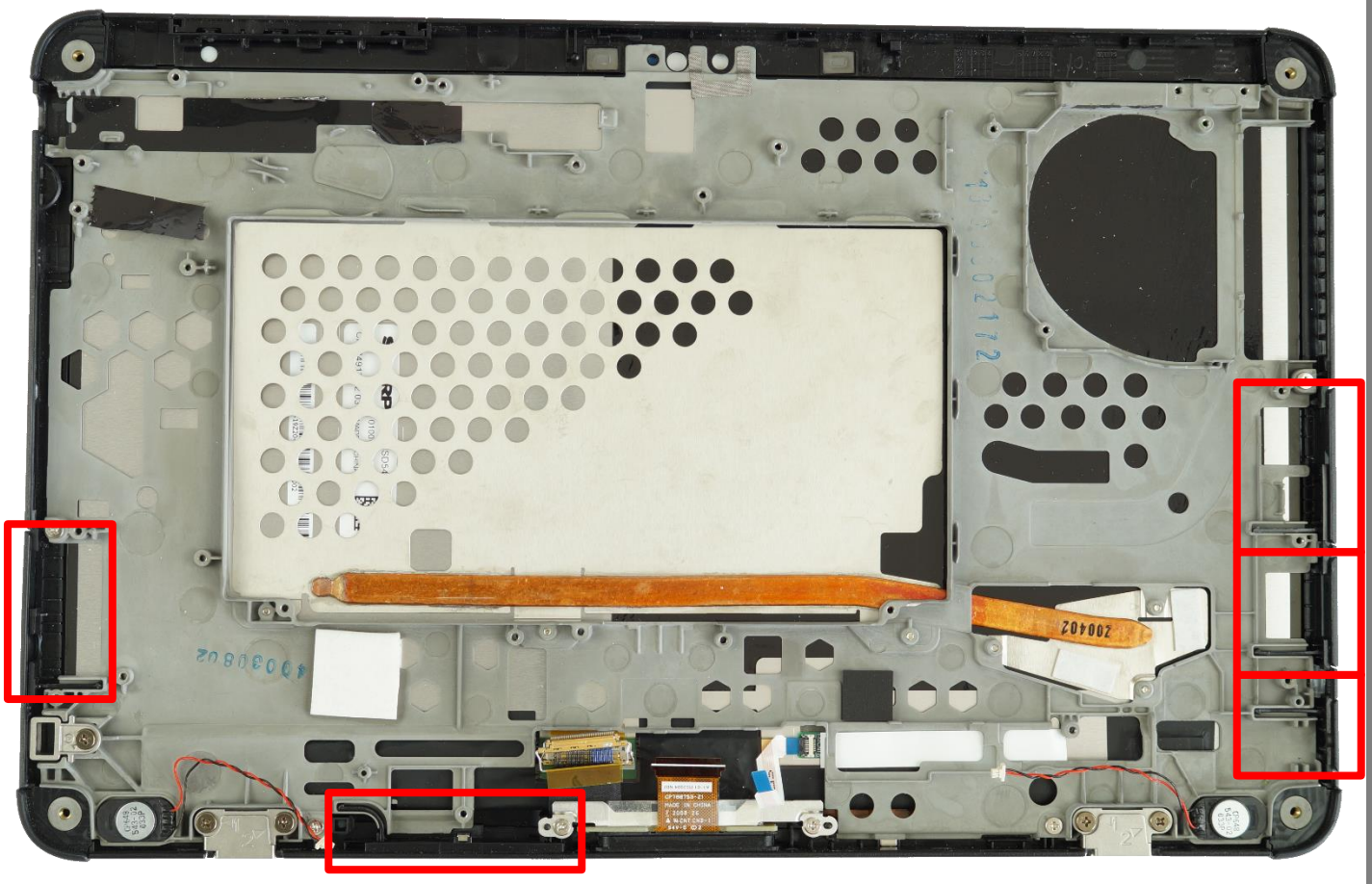
Remove the various covers

Required work steps:

- Remove keyboard
- Remove cradle
- Remove pen
- Removing the LCD back cover assy
- Remove battery
- Remove M.2 module
- Remove LTE module
- Remove the camera module
- Remove pen garage
- Remove the application key sub board
- Removing the WWAN antennas
- Remove SAR antennas
- Removing the WLAN antennas
- Remove CMOS battery
- Removing the USB / audio sub board
- Remove corner rubbers
- Remove fan
- Removing the SmartCard reader
- Remove mainboard

Required tools:

- Screwdriver: Phillips, size PH00



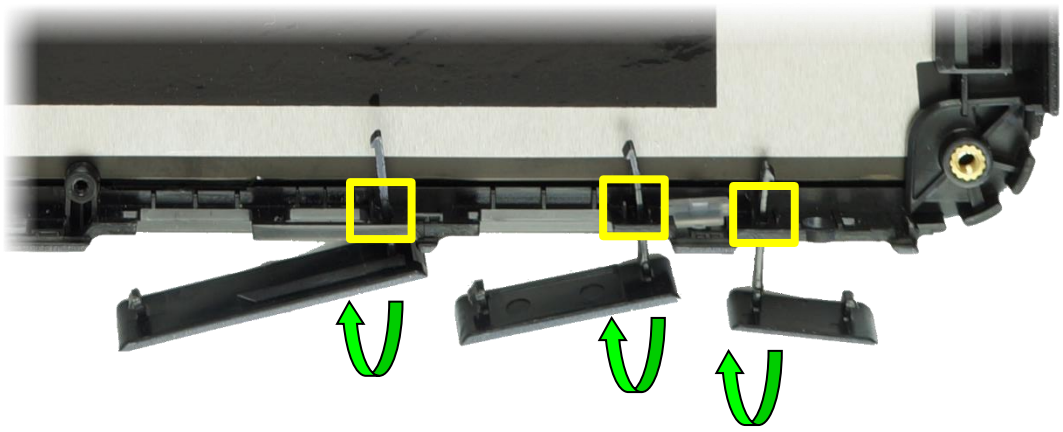
- If it is necessary to replace the LCD assy, release the covers (red rectangle) by guiding them through the recesses (yellow rectangles, lower picture). This procedure applies t all covers.

Service Partner only

Please note!

- These covers are not supplied as part of the LCD assy.





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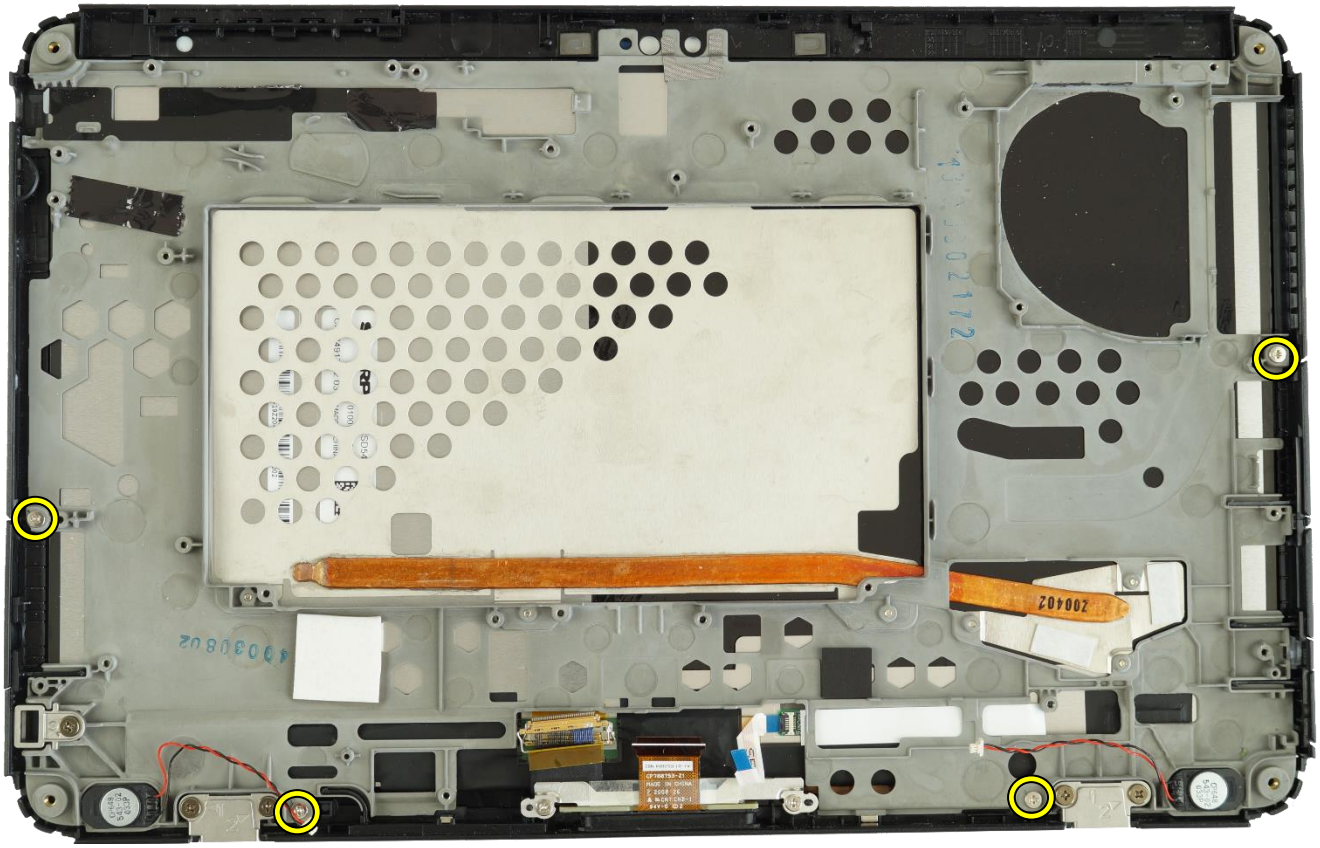
Removing the inner support plate including the speaker

Required work steps:

- Remove keyboard
- Remove cradle
- Remove pen
- Removing the LCD back cover assy
- Remove battery
- Remove M.2 module
- Remove LTE module
- Remove the camera module
- Remove pen garage
- Remove the application key sub board
- Removing the WWAN antennas
- Remove SAR antennas
- Removing the WLAN antennas
- Remove CMOS battery
- Removing the USB / audio sub board
- Remove corner rubbers
- Remove fan
- Removing the SmartCard reader
- Remove mainboard

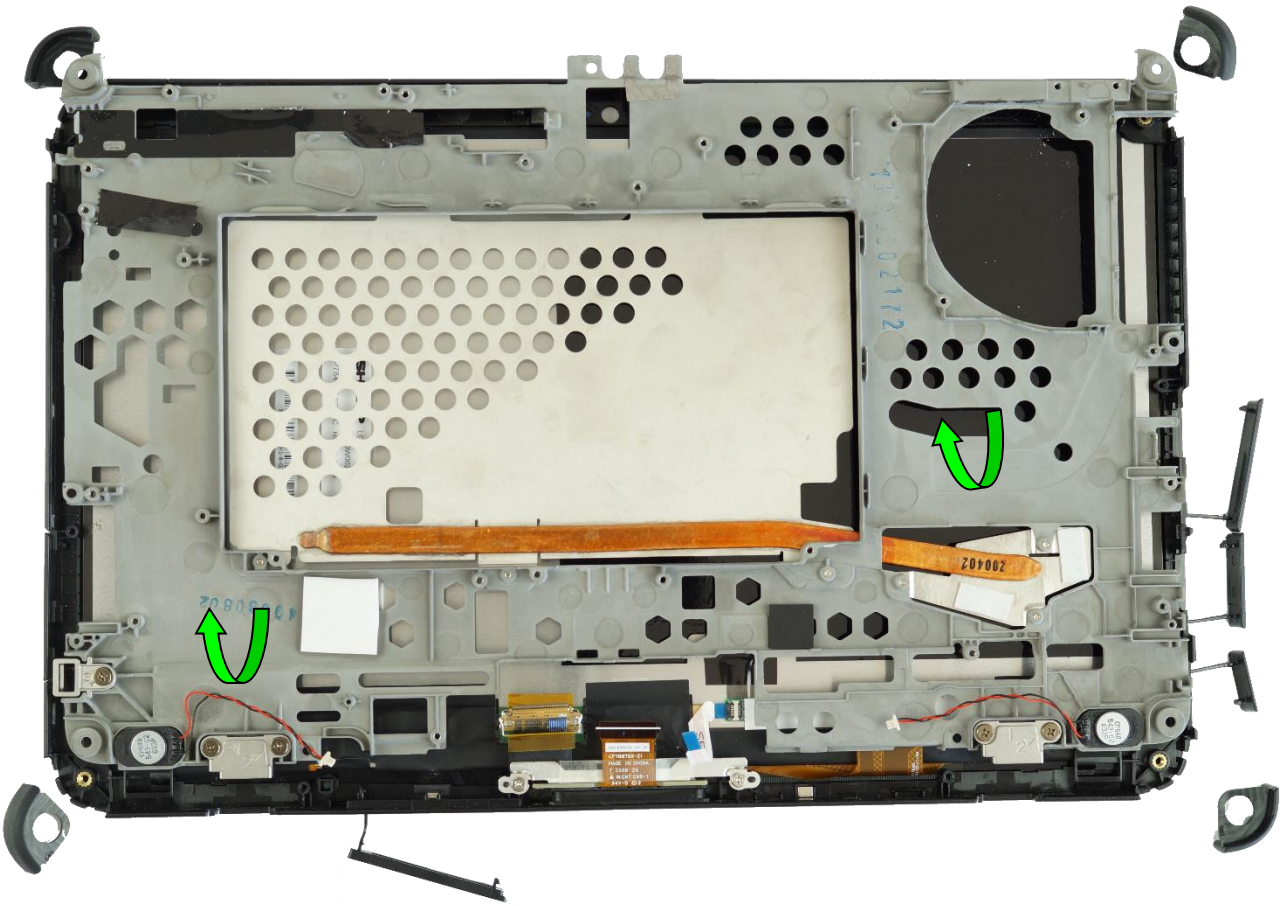
Required tools:

- Screwdriver: Phillips, size PH00

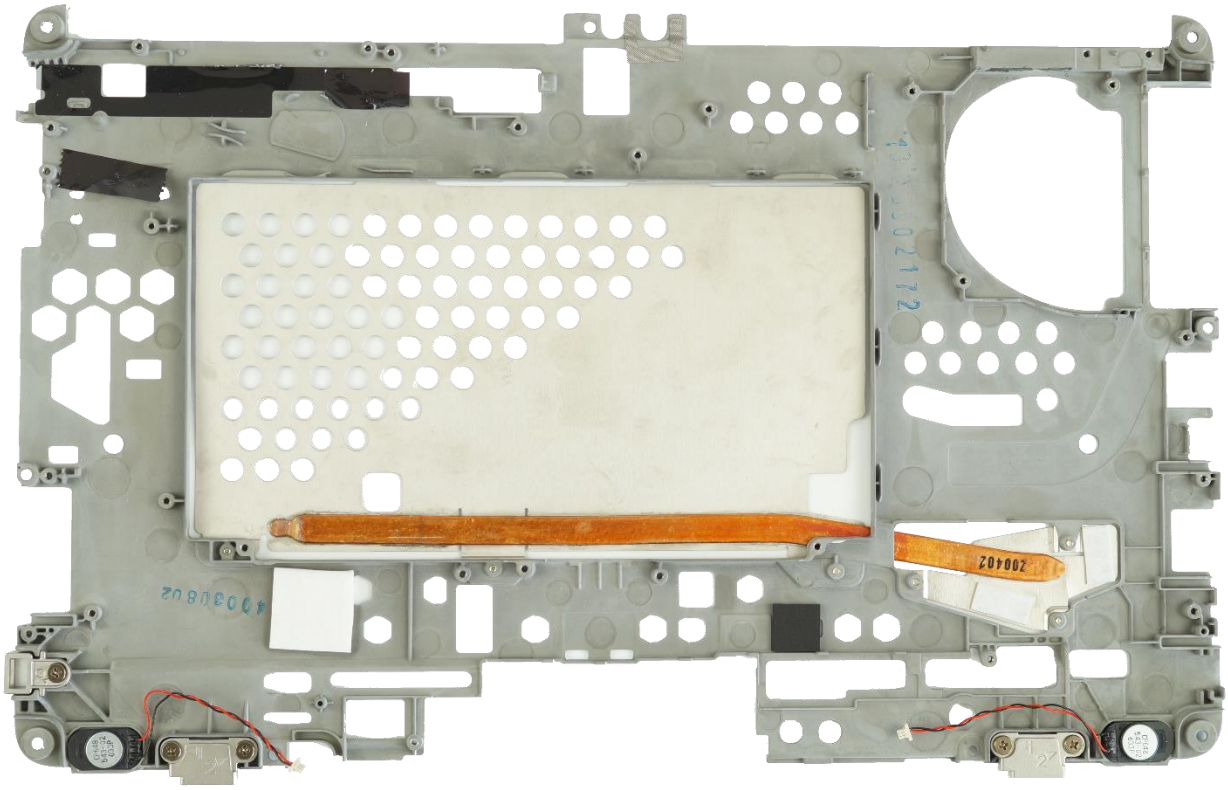


- ▶ Before you can remove the inner support plate including the speaker, the covers must be pulled out.
  See also chapter Remove the various covers
- ▶ Remove the four M2XL3 screws (yellow circles).

Service Partner only



- Carefully move and lift the inner support plate out (green arrows).



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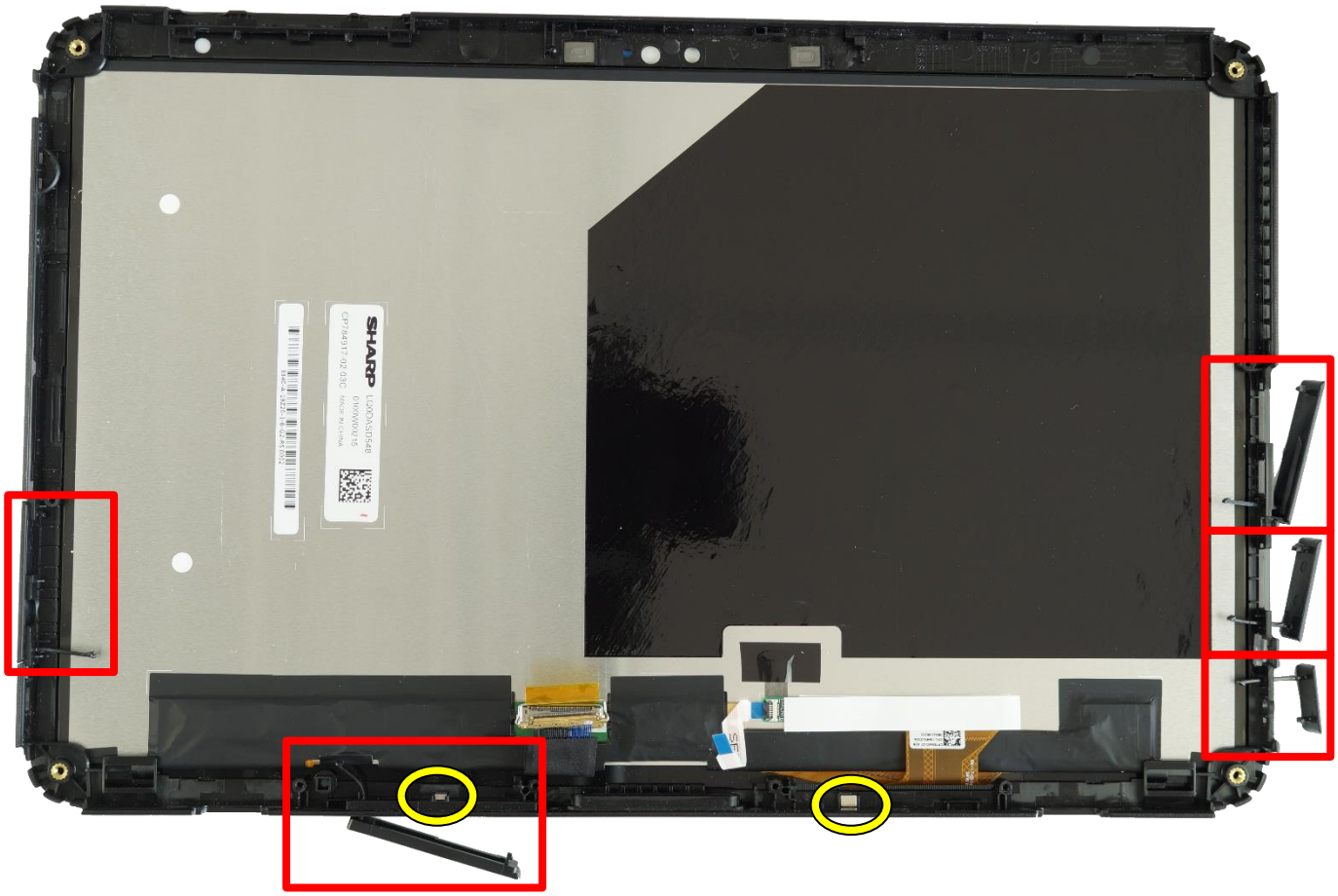
Remove LCD module

Required work steps:

- Remove keyboard
- Remove cradle
- Remove pen
- Removing the LCD back cover assy
- Remove battery
- Remove M.2 module
- Remove LTE module
- Remove the camera module
- Remove pen garage
- Remove the application key sub board
- Removing the DC-in connector
- Remove buttons, holder for button set, covers for button section
- Removing the WWAN antennas
- Remove SAR antennas
- Removing the WLAN antennas
- Remove CMOS battery
- Removing the USB / audio sub board
- Remove corner rubbers
- Remove fan
- Removing the SmartCard reader
- Remove mainboard
- Removing the docking connector
- Removing the various covers
- Removing the inner stabilisation frame including the speaker

Required tools:

- Screwdriver: Phillips, size PH00



Service Partner only

► At this point, if you have not done it yet, remove the five covers (red rectangles), because they are not included in the delivery content of the LCD module. See also chapter Remove the various covers

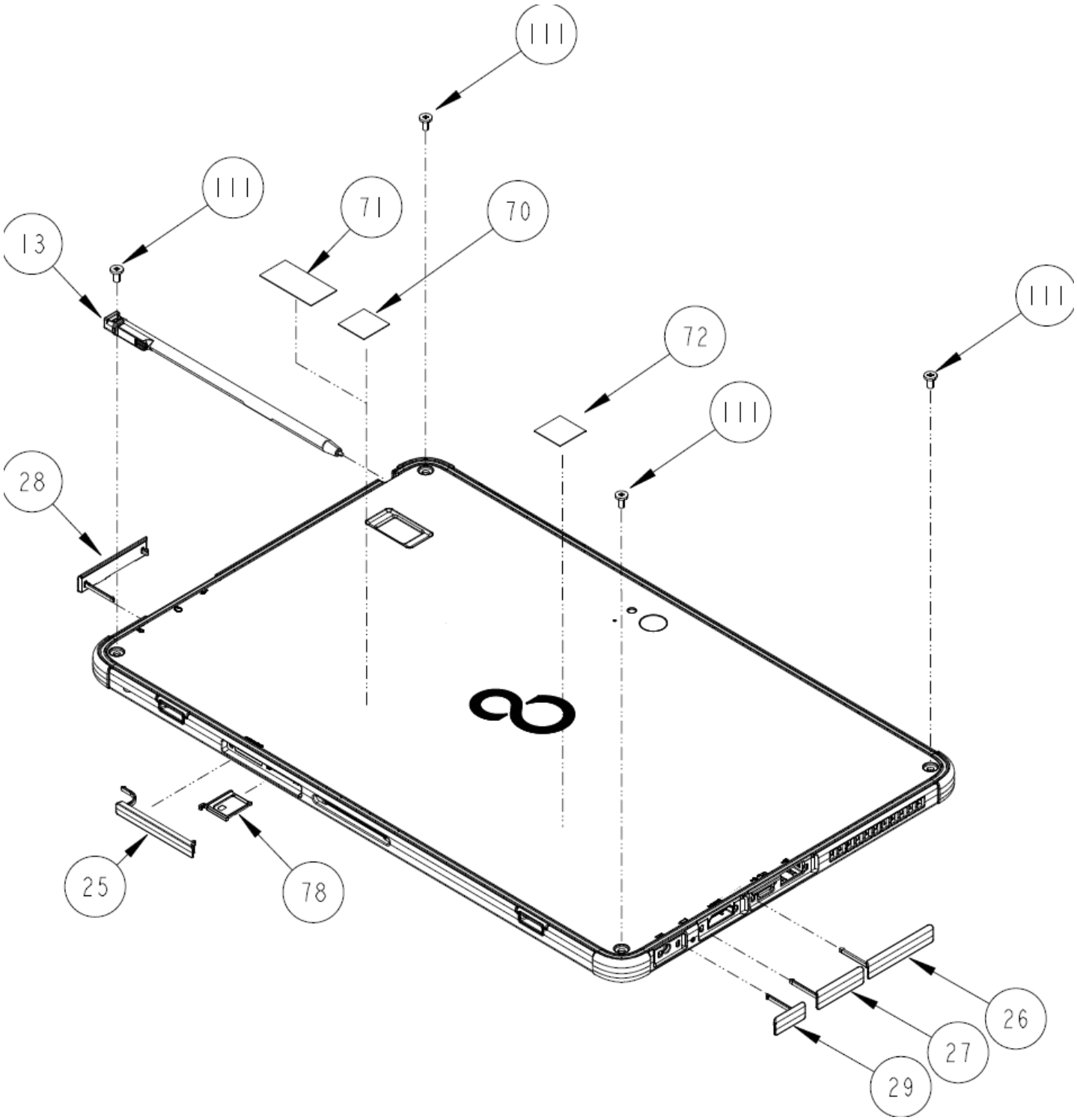
Please note!

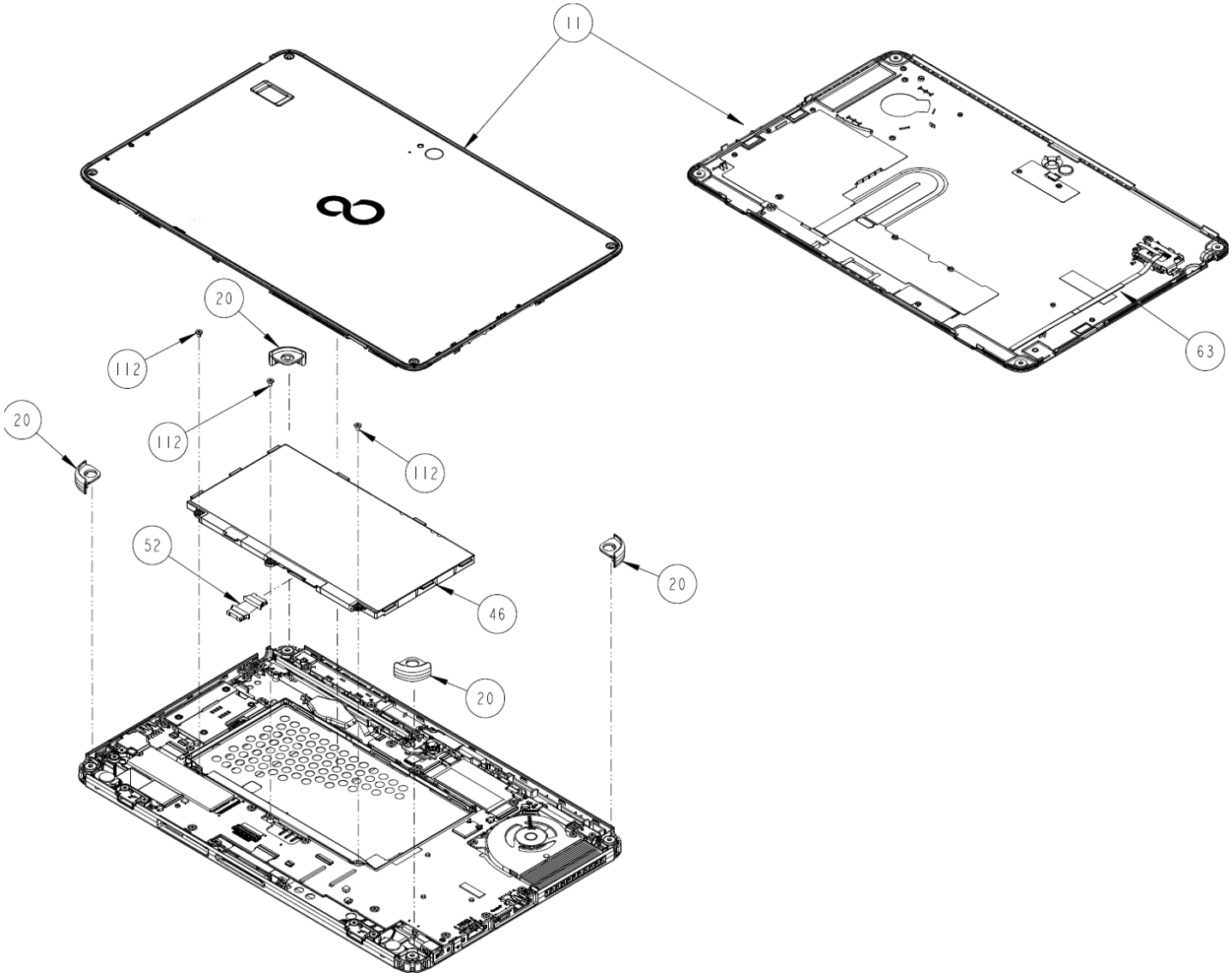
- Two magnets (yellow circles) are integrated in the LCD assy. These two magnets enable the STYLISTIC Q7310 to be charged via the keyboard's DC-in connector.

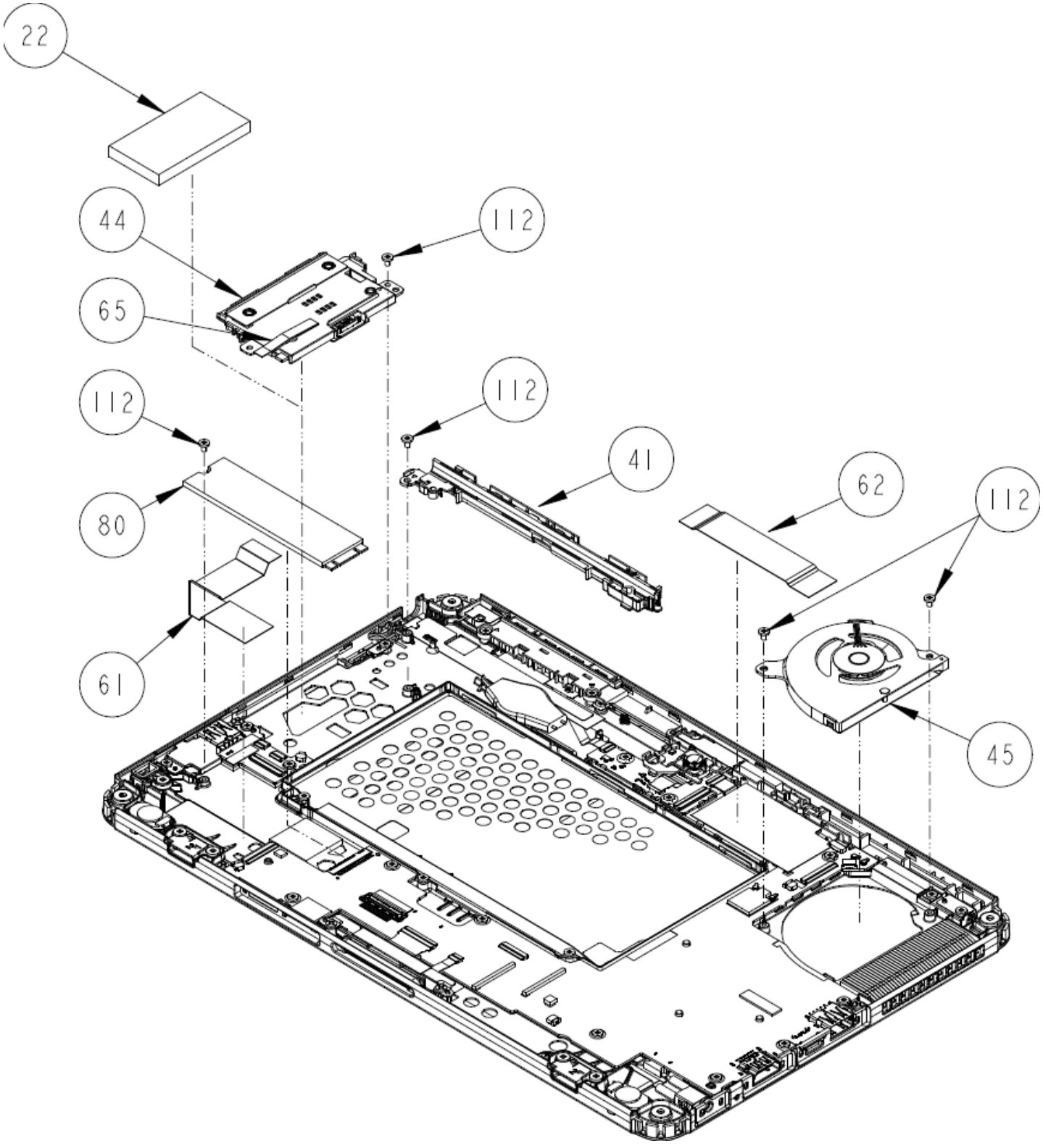
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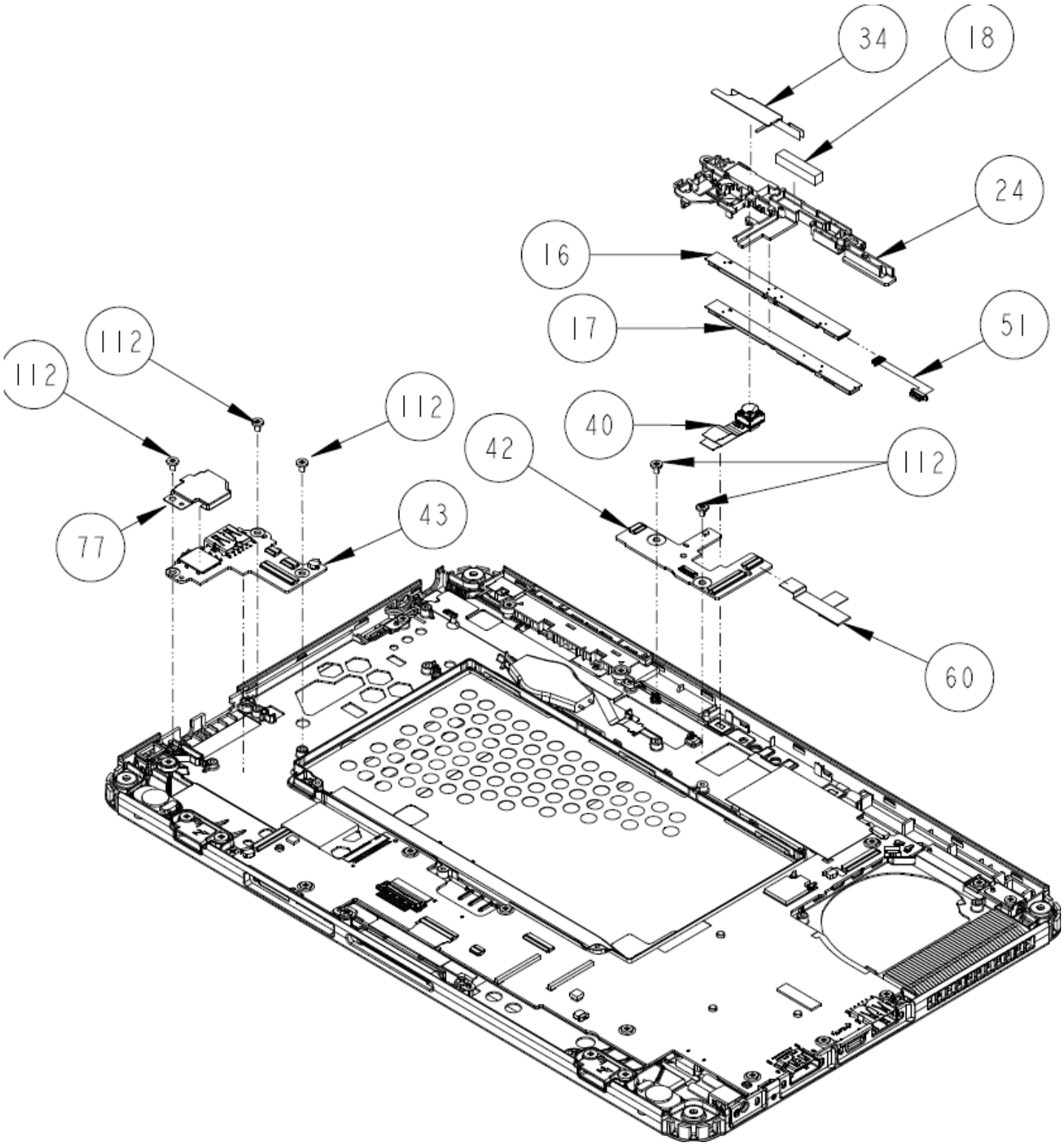
Spare parts and exploaded-view drawings STYLISTIC Q7310

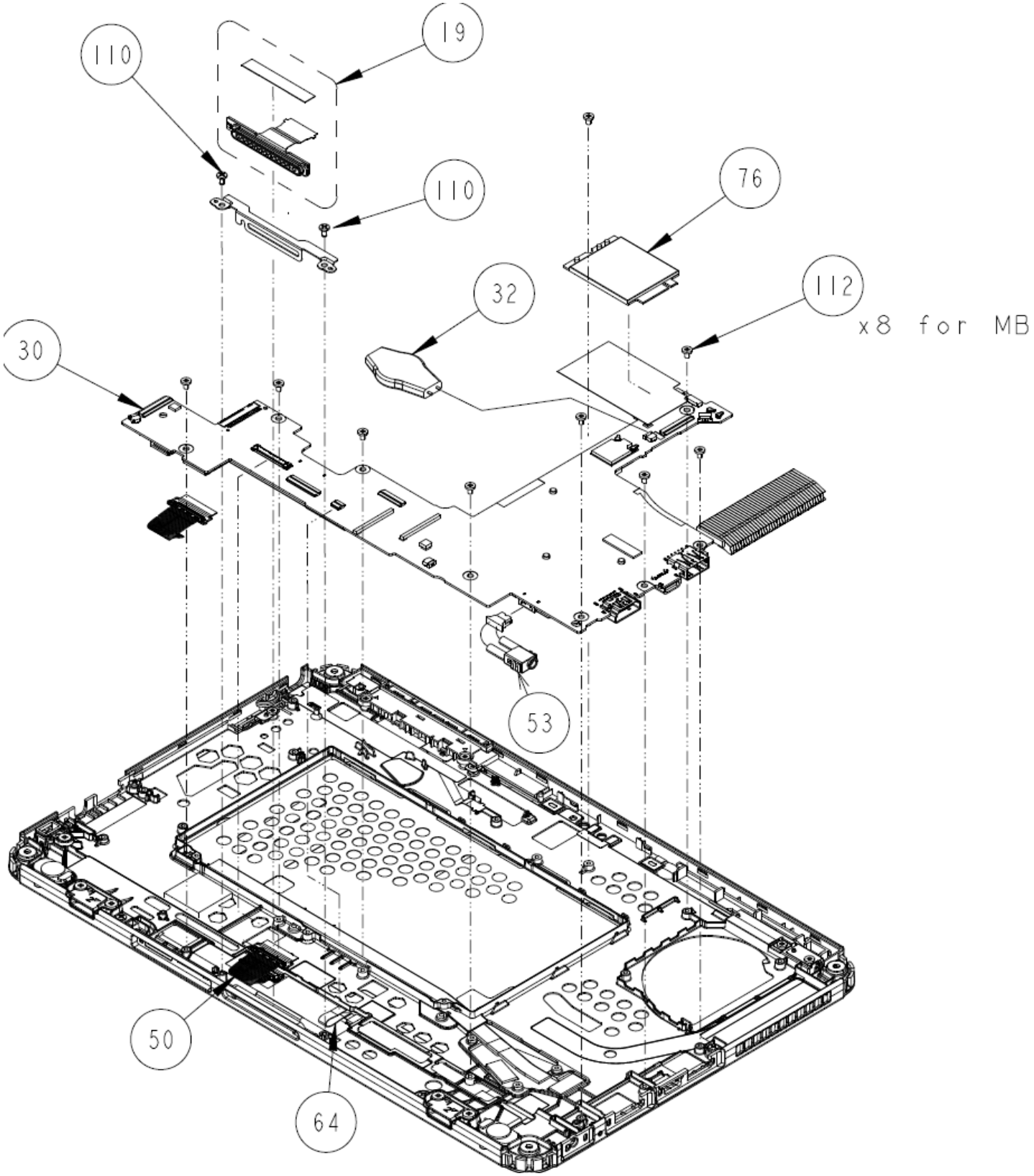
Drawing number	Spare part	Internal spare part name for ordering	Customer replaceable parts	Service replaceable parts	Upgradeable	Repairable
	Mechanical parts:					
11	LCD back cover	depending on the device configuration		x		
20	Corner rubber covers	Corner round cover (grip)		x		
78	SIM tray		x			
82	AC adapter		x			
48	Main battery			x		
53	DC-in connector			x		
41	Pen garage			x		
80	Mass storage (e.g. SSD, M.2 module)	depending on the device configuration		x	x	
	Cooling:					
45	fan			x		
30	Mainboard	depending on the device configuration		x	x	x
76	LTE module			x		
44	SmartCard reader			x		
10	LCD module	depending on the device configuration		x	x	x
32	CMOS battery			x		
13	Pen		x			
40/16/17	Camera (rear, front)			x		
19	Docking connector			x		
21	Inner support plate			x		
25/26/27/28/29	Covers (e.g. USB port, HDMI port, Audio port, SIM slot)			x		
	Sub board (e.g. cameras, audio/USB, application buttons)	depending on the device configuration		x		
	Cables, flex print cables and antennas	depending on the device configuration		x		
	Fingerprint sensor: replaceable by echange of LCD back cover					
	Speakers: replaceable by exchange of inner support plate					
	Main memory/ RAM: onboard, replaceable by exchange of the mainboard					
	Processor: CPU is replaceable by exchange of the mainboard					
	Graphics card: is part of CPU and is replaceable by exchange of the mainboard					

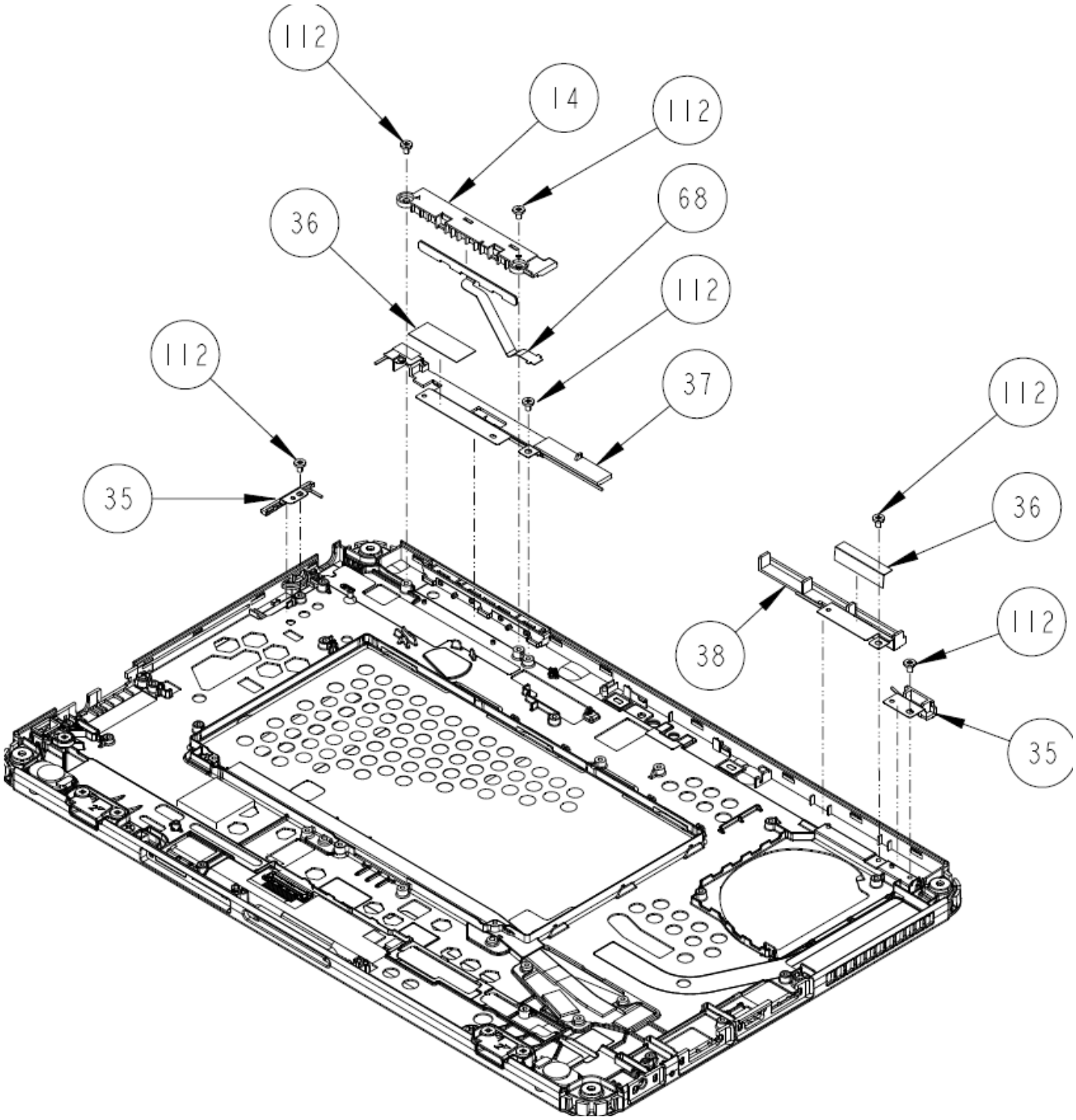

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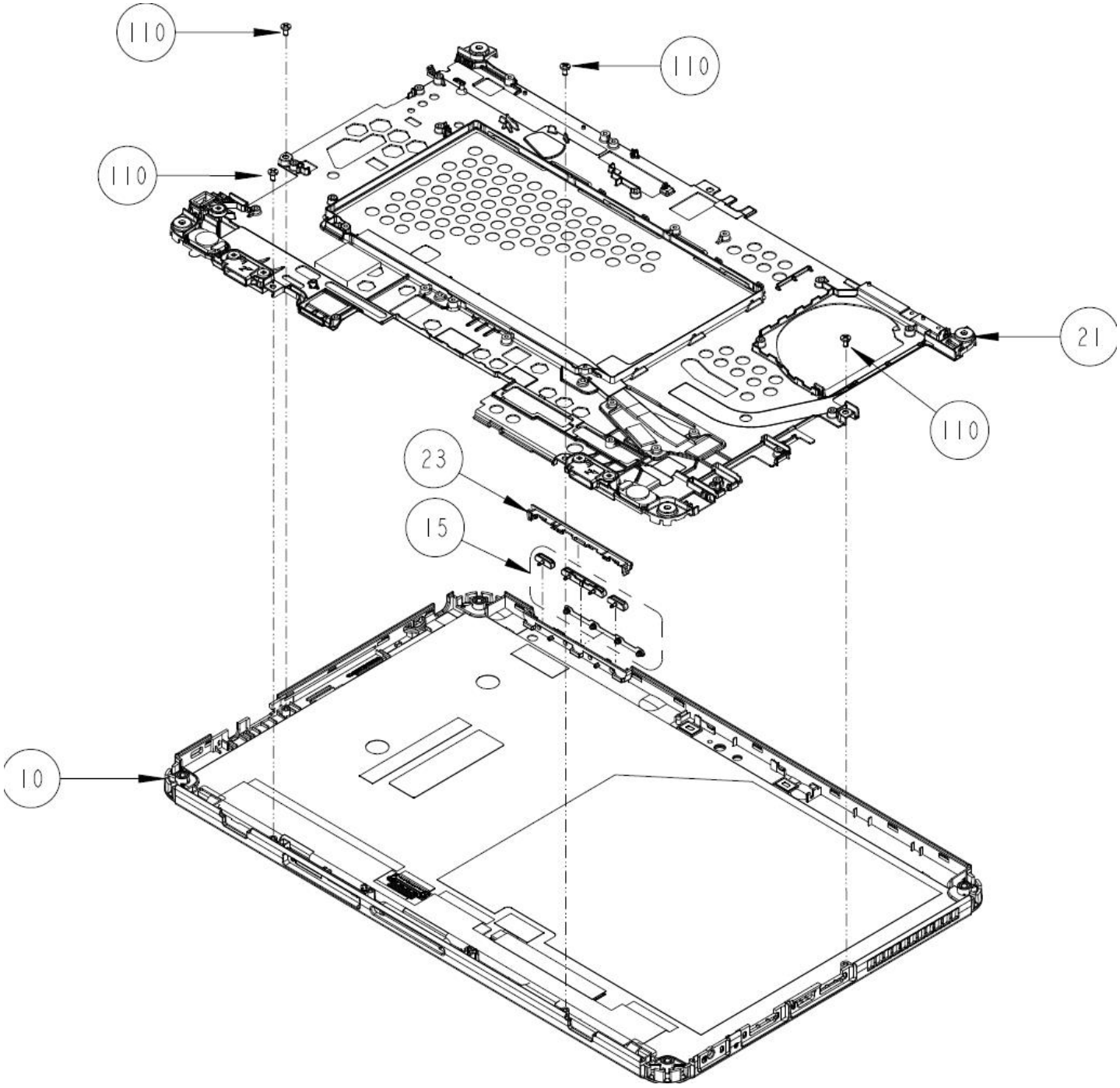

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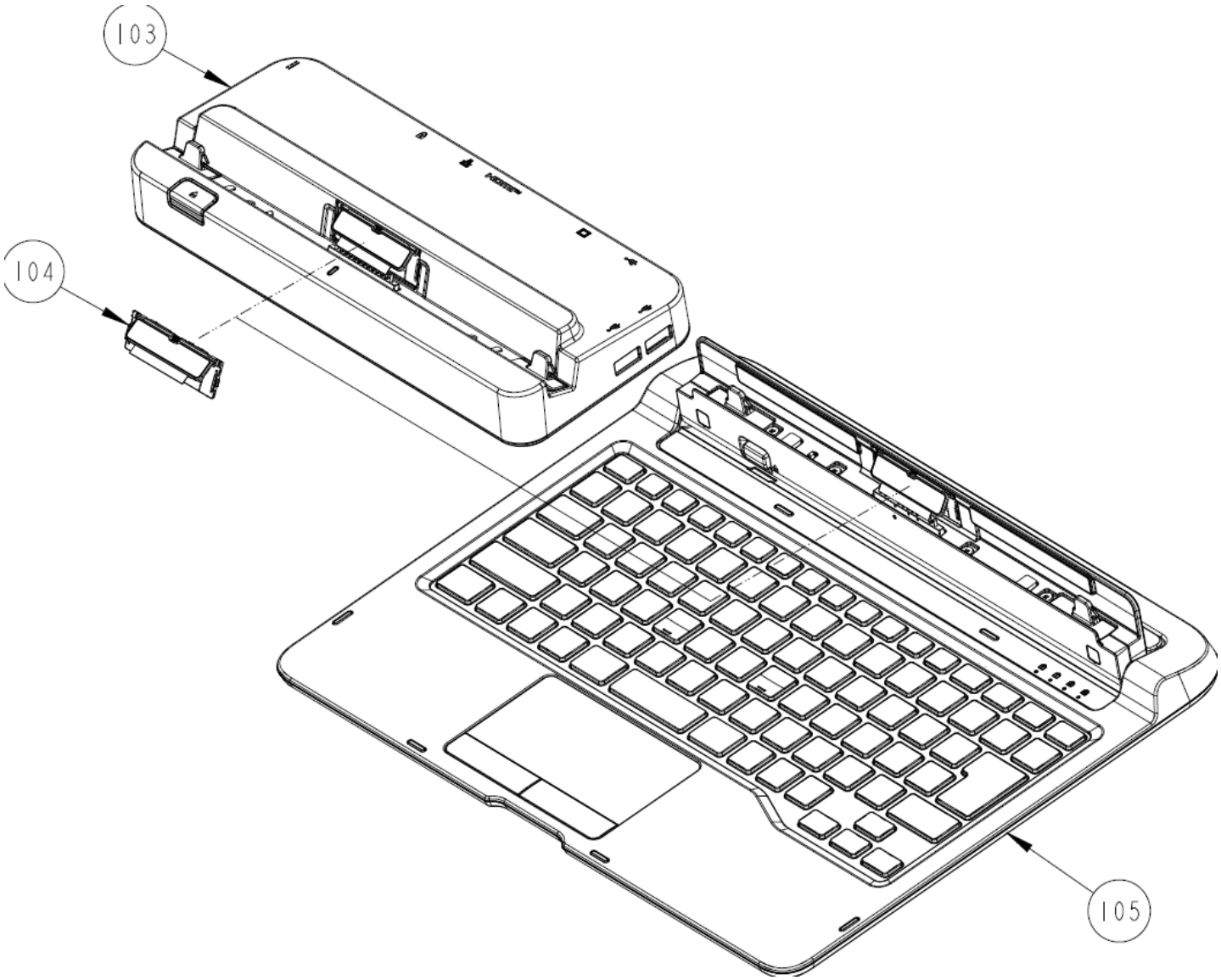

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Disposal informations for recycling companies

Disposal information for recycling companies

These instructions are for the complete dismantling of a Fujitsu product. All materials can thereby be disposed of according to their provision in the EC directive 2012/19/EC (Waste Electrical and Electronic Equipment (WEEE)).

Product group: **Mobile PC**
Model: **STYLISTIC Q7310**

Materials which must be disposed of in a special manner		
Designation	**Remarks**	**Quantity**
Printed circuit boards with a surface area greater than 10 cm²	Mainboard AC adapter LCD SSD Depending on system configuration: Wireless cradle Slim keyboard	1 1 1 1 1 1
Batteries Components containing mercury	Lithium-ion battery - Method of attachment: Embedded in the PC - How to remove: Open the cover - Special tool for removal: None Lithium button batteries CR2032-CN11 - Included on the mainboard Not contained	1 1
Liquid crystal displays (if applicable, together with the casing) with a surface area greater than 100 square centimetres and backlit displays with gas discharge lamps	> 100cm2 display: Yes, for its display Gas discharge lamps: No	1
Cathode ray tubes	Not contained	
Capacitors containing PCBs (PolyChlorinated Biphenyls)	Not contained	
Electrolytic capacitors which contain critical substances (height > 25 mm; diameter: > 25 mm or proportional similar volumes).	Not contained	0
External electrical cables	AC adapter cable	1
Gas discharge lamps	Not contained	
Chlorofluorocarbons (CFC), hydrochlorofluorocarbons (HCFC) or hydrofluorocarbons (HFC), hydrocarbons (HC)	Not contained	

Plastics which contain brominated flame retardant	This product may contain plastic parts with Brominated flame retardants but to the best of our knowledge we provide this information to sort them out. Plastic parts location can be visually identified by their typical design function for the product (also shown in the disassembly manual). Many of these parts (Greater than 25 grams) are bromine free. Regardless, these parts are labeled (usually molded directly into the plastic) per ISO 11469. A typical label would look like: > Polymer Abbreviation - FR(xx) < i.e. > PC+ABS FR(40) < Flame retardant codes (FR(xx)) are given in ISO 1043-4. Codes for some Brominated flame retardants: 14 aliphatic/alicyclic Brominated compounds 15 aliphatic/alicyclic Brominated compounds in combination with antimony compounds 16 aromatic Brominated compounds (excluding Brominated diphenyl ether and biphenyls) 17 aromatic Brominated compounds (excluding Brominated diphenyl ether and biphenyls) in combination with antimony compounds 22 aliphatic/alicyclic chlorinated and Brominated compounds 42 Brominated organic phosphorus compounds - Plastic parts weighing less than 25 grams may or may not contain brominated flame retardants. These smaller plastic parts may to be finding all over the PC system. It may especially include: fan, speaker.	
Toner cartridges, liquid and paste-like, and colour toner	Not contained	
Asbestos waste and components which contain asbestos	Not contained	
Components which contain fire-proof ceramic fibres	Not contained	
Components which contain radioactive substances	Not contained	
Mass storage device(s)		
Does the product contain mass storage devices? If so, is any of them soldered to a circuit board?	Mass storage devices are contained, and they are not soldered to a circuit board.	1
Required tools		
Phillips screwdriver		

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