

STYLISTIC Q7312

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Category	System expansions and repairs document

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System expansions and repairs document



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.

Please take note of the target audience addressed in this manual. Damage to the device incurred as a result of unqualified methods used during repair work as well as the use of unsuitable spare parts or assemblies during the repair work, or upgrades of the device may void your warranty claim.



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.

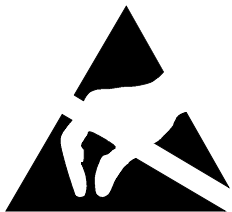
Note that some components on the mainboard may be very hot if the device was in use shortly before the case was removed.

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

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Tools

Screwdriver: Phillips PH00



Plastic tool



Plastic tool



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Removing / fitting the keyboard

- ▶ Remove all cables connected to the STYLISTIC Q7312.
- ▶ Disconnect the STYLISTIC Q7312 tablet from its keyboard by pressing the release button (yellow arrow) and pulling the STYLISTIC Q7312 upwards (green arrows).
- ▶ To reconnect the STYLISTIC Q7312 to its keyboard, gently refit the tablet on it (red arrows). The guide indicator (blue circle) on the tablet and keyboard helps you to position them correctly.



- ▶ The keyboard of the STYLISTIC Q7312 can be ordered as a module.



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Removing / fitting the cradle

- ▶ Remove all cables connected to the STYLISTIC Q7312.
- ▶ Disconnect the STYLISTIC Q7312 tablet from its cradle by pressing the release button (yellow arrow) and pulling the STYLISTIC Q7312 upwards (green arrows).
- ▶ To reconnect the STYLISTIC Q7312 to its cradle, gently refit the tablet on it (red arrows). The guide indicator (blue circle) on the tablet and cradle helps you to position them correctly.



- ▶ The cradle of the STYLISTIC Q7312 can be ordered as a module.



Removing / fitting the SIM tray

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

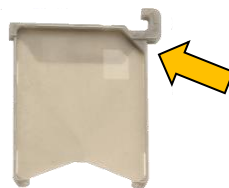


- ▶ Pull out the SIM card holder in the yellow arrow direction.



Please note!

- When you insert a SIM card, the tablet must be turned off.
- When you insert the SIM card into the SIM tray, pay attention to the coding (angled corner orange arrow).
- To ensure proper positioning, the SIM tray must be inserted horizontally into the SIM card slot (see figure above).



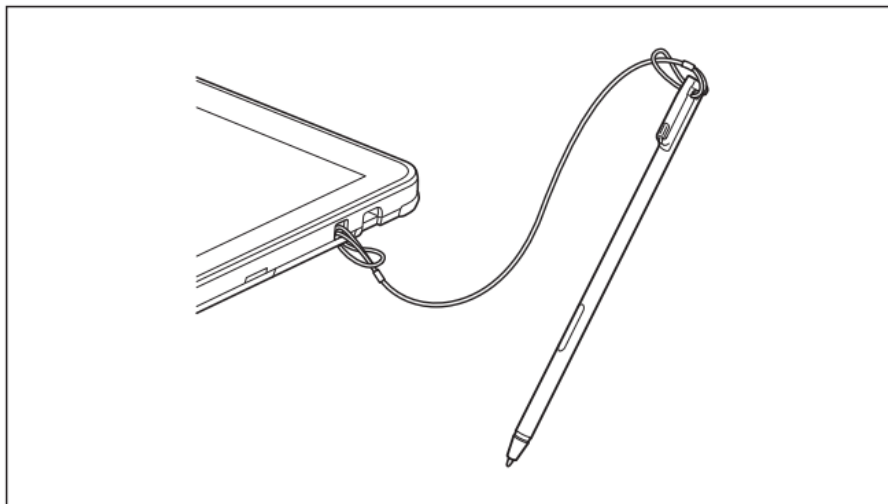
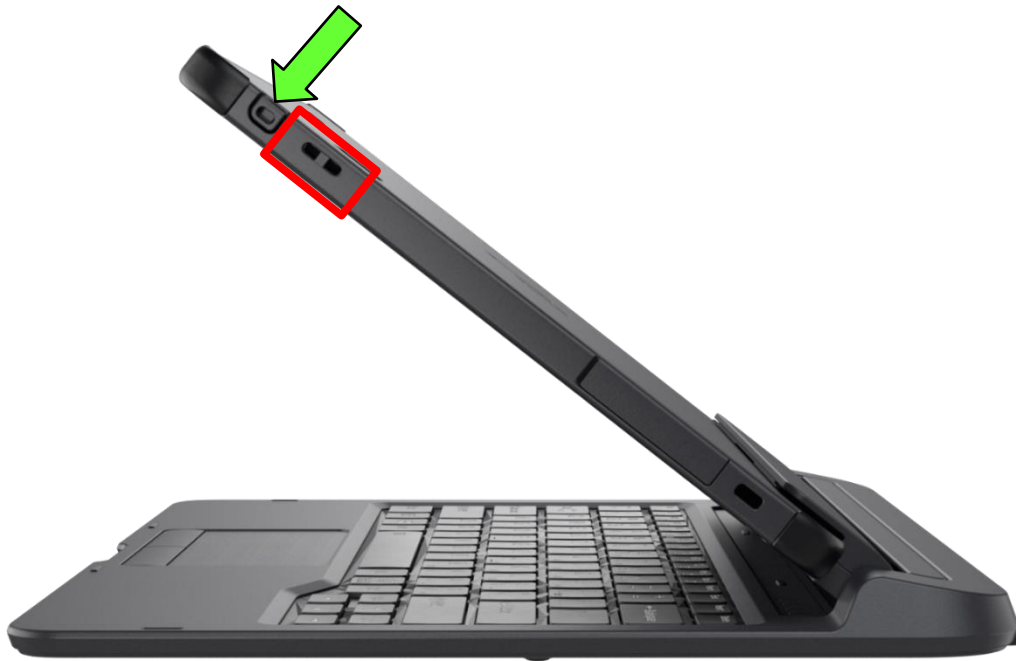
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Removing / fitting the pen

- ▶ Pull the pen straight out of the pen garage (green arrow).



The pen can be fixed with a ribbon running through the eyelet (red rectangle) under the pen garage. Undo it to be able to replace the pen.



[!\[\]\(9c4f697052545ae4fab36076e03db94f_img.jpg\) Return to Table of Contents](#)

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](#)"

Removing the LCD back cover assy

Required work steps:

■ None

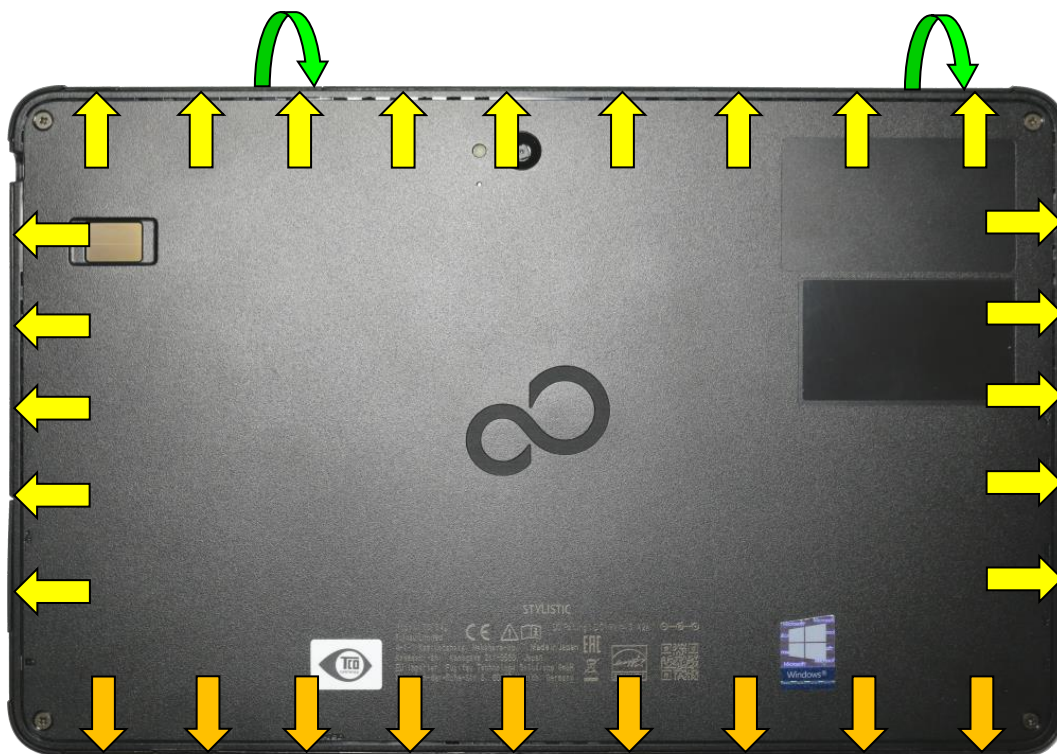
Required tools:

- Screwdriver: Phillips PH 00
- Plastic tool

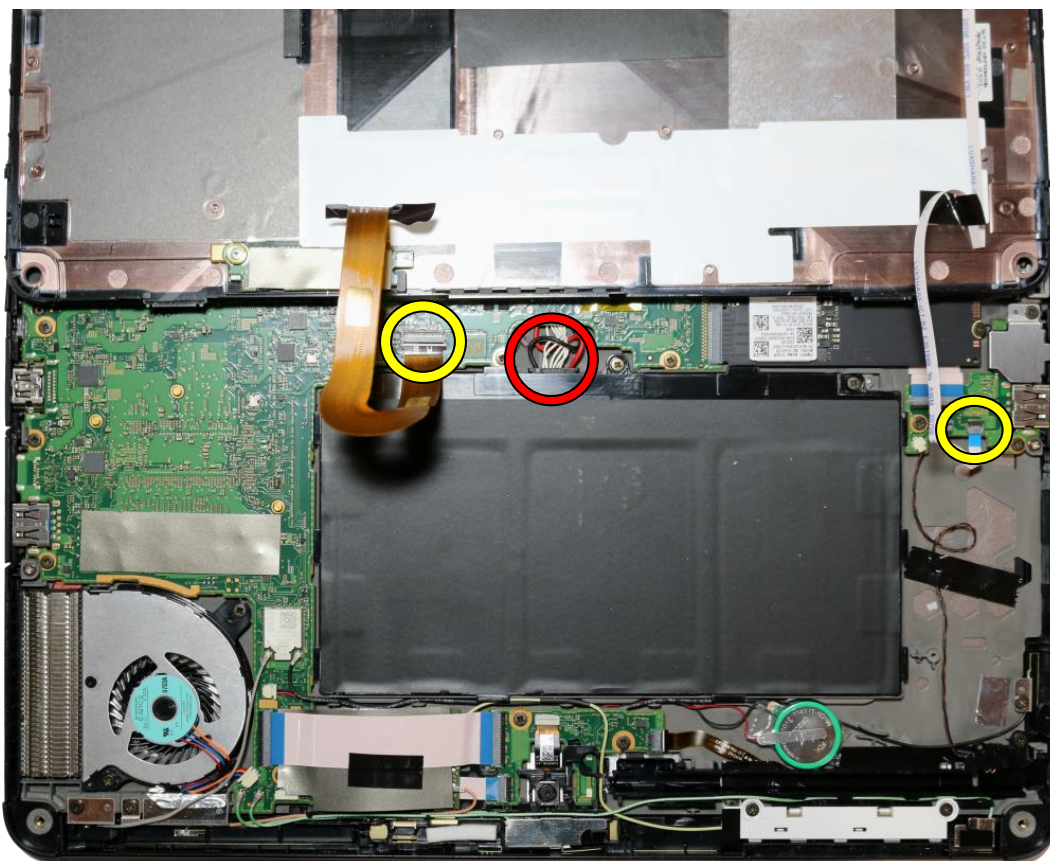
- ▶ Remove the tablet from the keyboard / cradle.
- ▶ Remove the pen.
- ▶ Disconnect all the cables that are connected to the tablet.
- ▶ Turn your tablet over and place it on a stable and flat surface. Place a non-slip cloth on the surface to avoid scratching the tablet.



- ▶ Remove the four M2.5XL6 screws (yellow circles).



- ▶ Use the plastic tool to carefully disconnect the LCD back cover assy from the tablet.
- ▶ 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 at the bottom with the orange arrows.
- ▶ 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).



- ▶ Carefully place the LCD back cover assy in a position where the cables are not taut.
- ▶ First carefully disconnect the cable from the battery (red circle).
- ▶ Carefully disconnect the two flexprint cables (green circles).
- ▶ Remove the LCD back cover assy.

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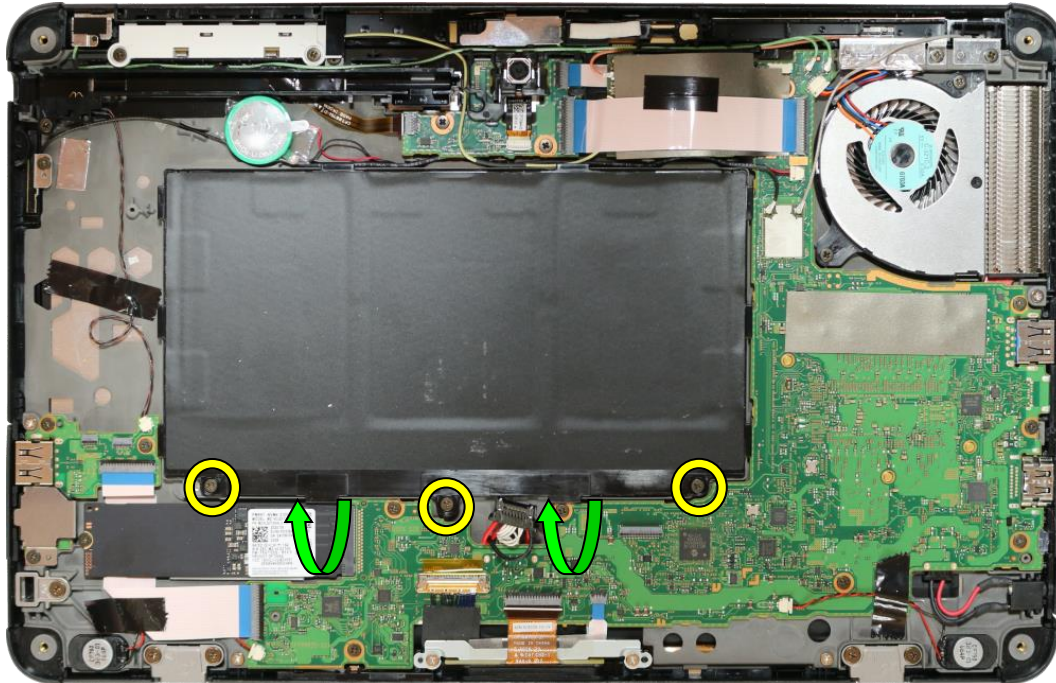
Removing the battery

Required work steps:

- [Removing the LCD back cover assy](#)

Required tools:

- Screwdriver: Phillips PH 00



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

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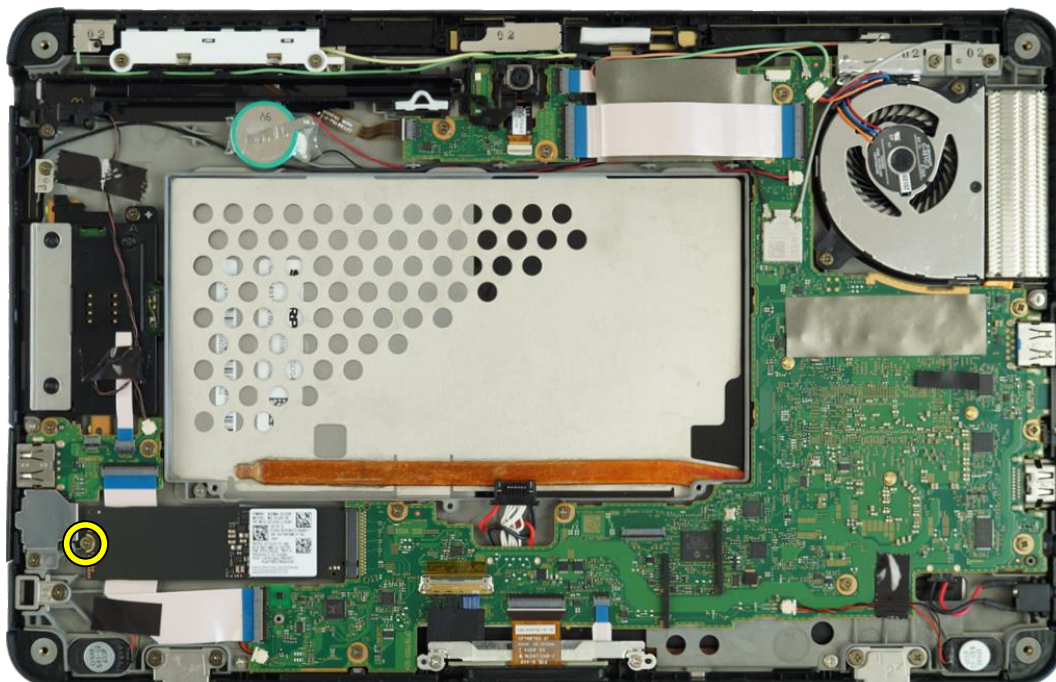
Removing the M.2 module

Required work steps:

- [Removing the LCD back cover assy](#)
- [Removing the battery](#)

Required tools:

- Screwdriver: Phillips PH 00



- ▶ Remove the M2XL2.5 screw (yellow circle).



- ▶ The M.2 module can now be unfastened with careful movements.
- ▶ Afterwards, it can be easily turned upwards and then removed (blue arrow).

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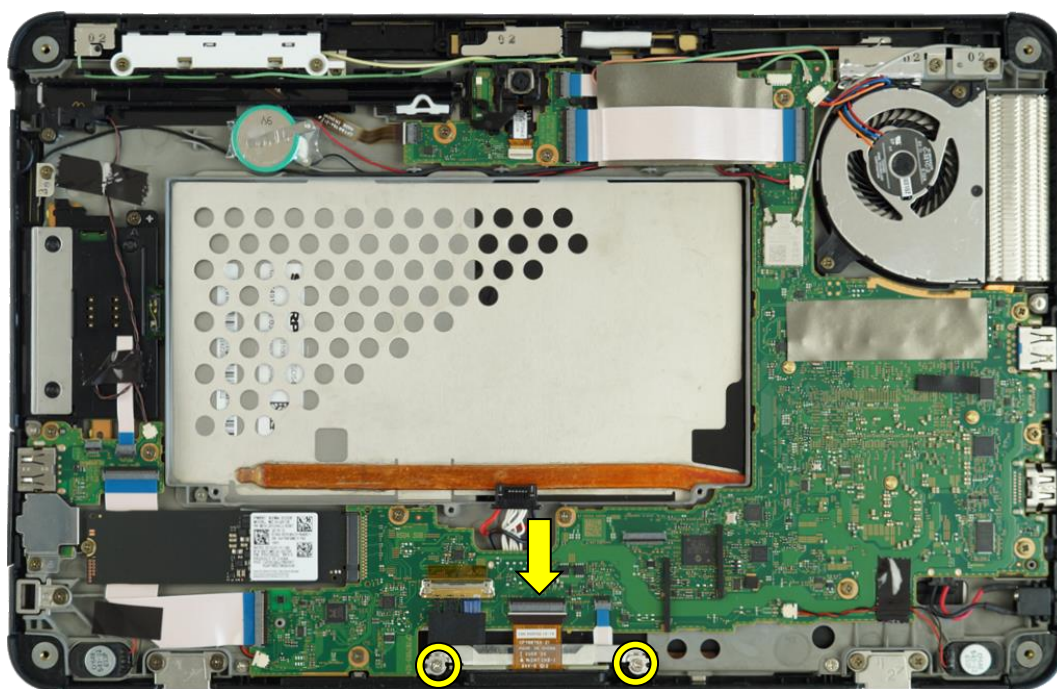
Removing the docking connector

Required work steps:

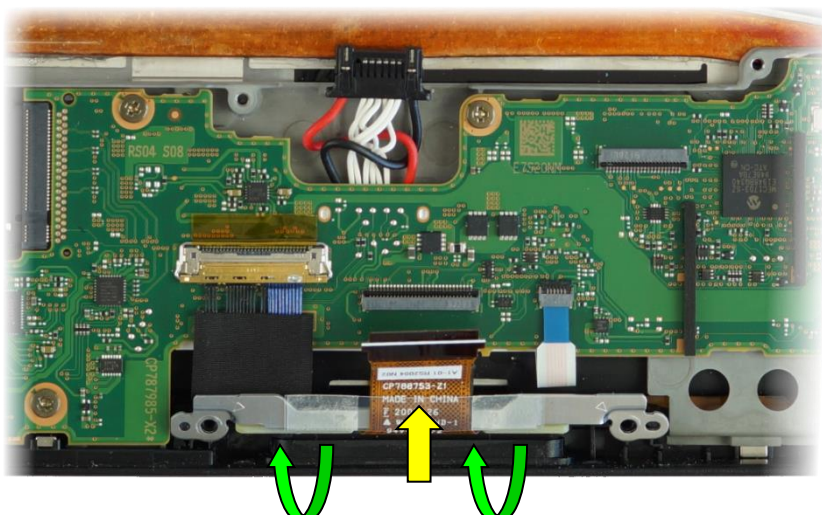
- [Removing the LCD back cover assy](#)
- [Removing the battery](#)

Required tools:

- Screwdriver: Phillips PH 00



- ▶ Disconnect the flexprint cable of the docking connector (yellow arrow).
- ▶ Undo the two M2XL2.5 screws (yellow circles).



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

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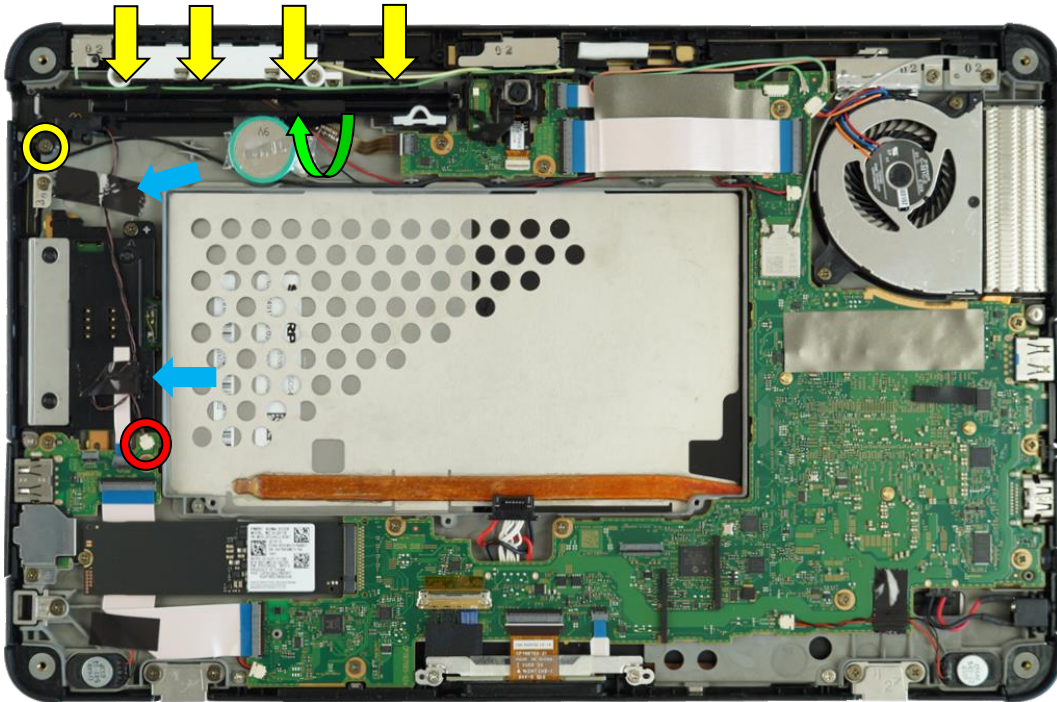
Removing the pen garage

Required work steps:

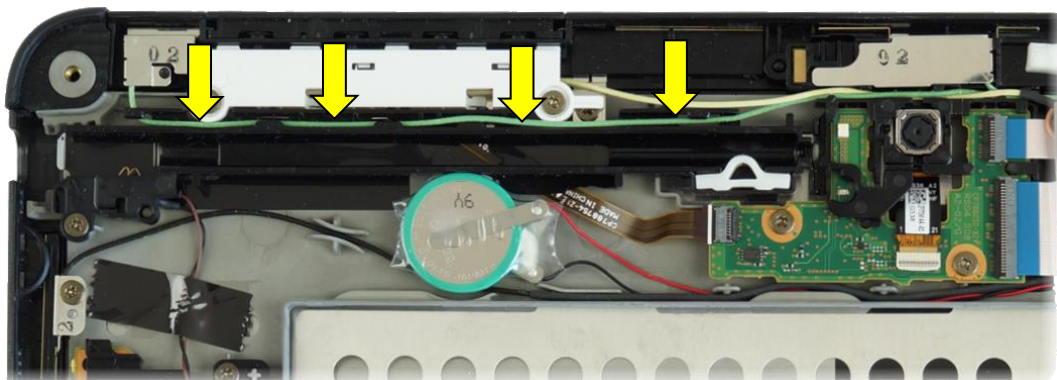
- [Removing the LCD back cover assy](#)
- [Removing the battery](#)

Required tools:

- Screwdriver: Phillips PH 00



- ▶ Remove the screw M2XL3 (yellow circle).
- ▶ Remove the adhesive tape (blue arrows) and the cable from the pen garage (red circle).
- ▶ Remove the green SAR antenna cable (yellow arrows) from the cable guide of the pen garage.
- ▶ Remove the pen garage from the device (green arrow).



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

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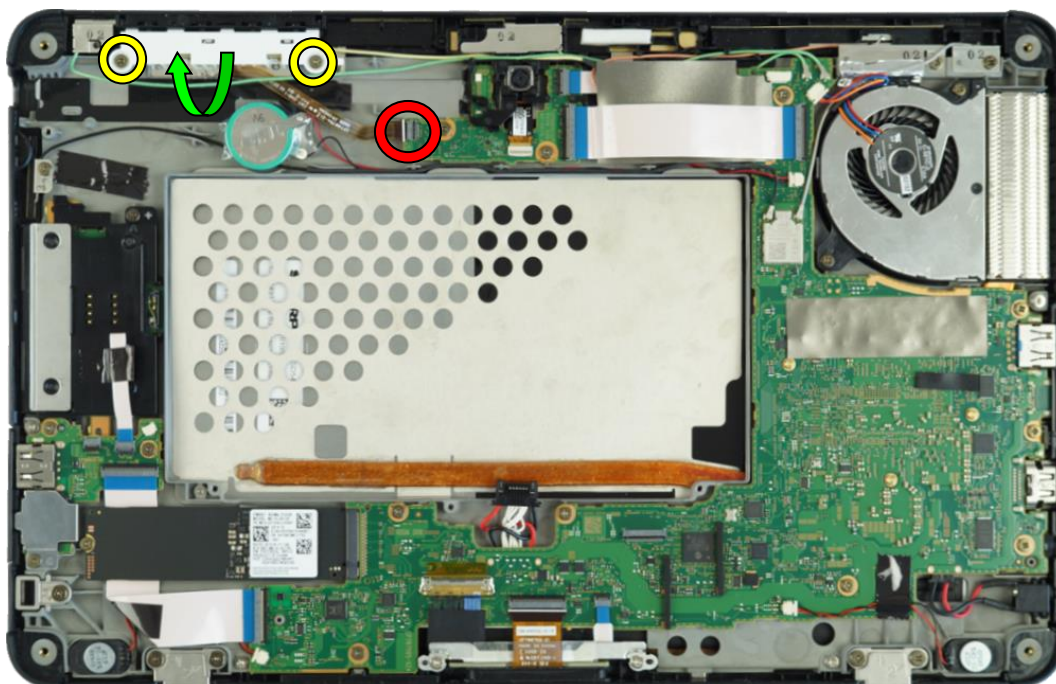
Removing the application key sub board

Required work steps:

- [Removing the LCD back cover assy](#)
- [Removing the battery](#)
- [Removing the pen garage](#)

Required tools:

- Screwdriver: Phillips PH 00



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



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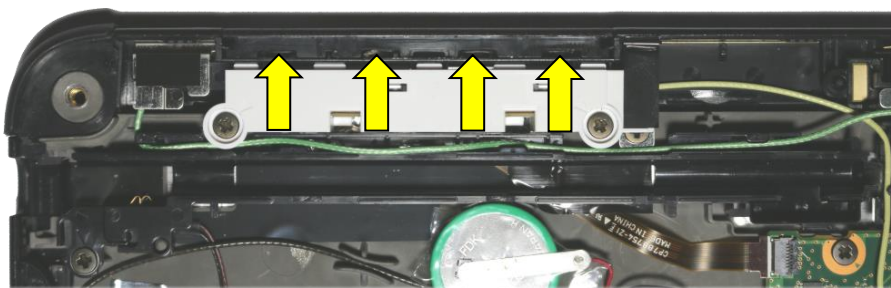
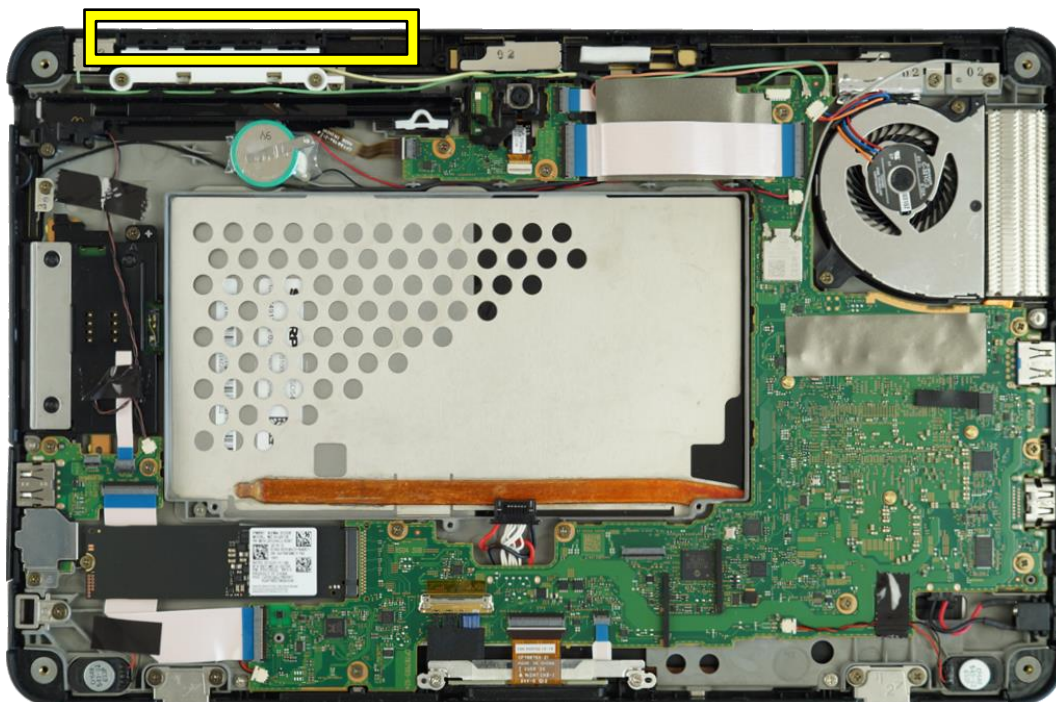
Removing the application key board

Required work steps:

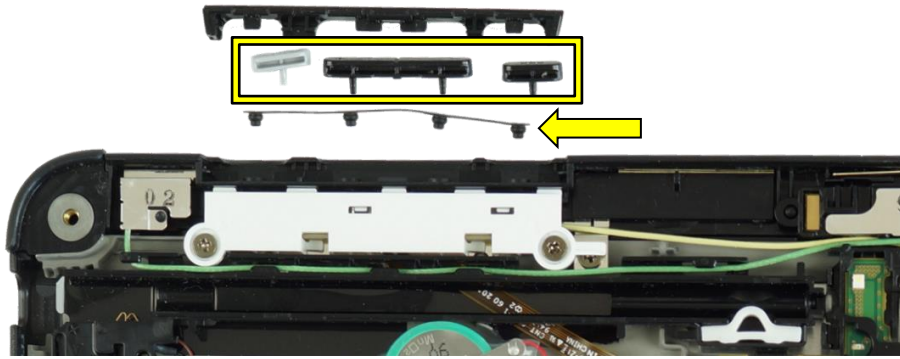
- [Removing the LCD back cover assy](#)
- [Removing the battery](#)

Required tools:

- Plastic tool



- Insert the plastic tool into the recesses of the holder for button set (yellow arrows) and lever it out upwards.



- ▶ First remove the three button (yellow rectangle) and then the rubber with the four nubs (yellow arrow) from the device.

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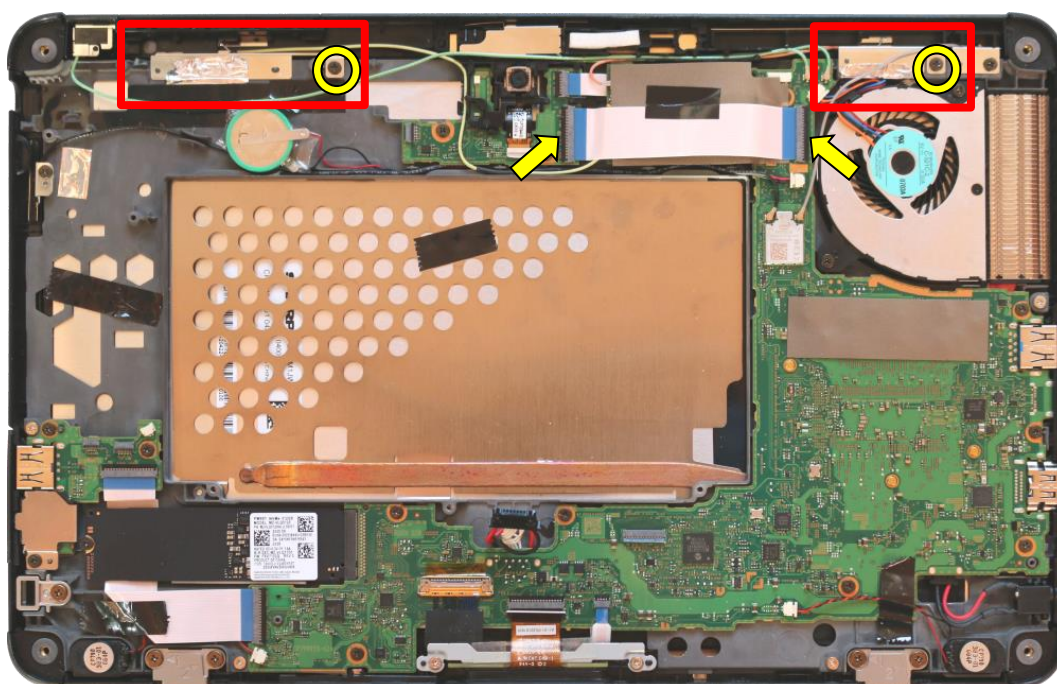
Removing the WWAN antennas

Required work steps:

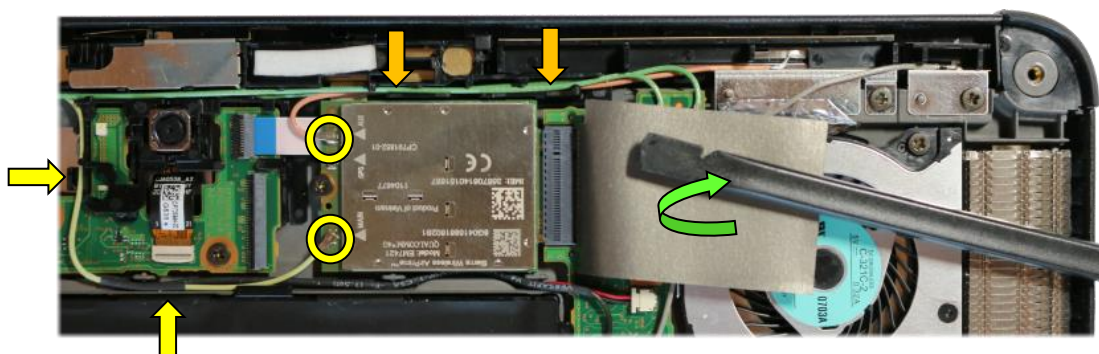
- [Removing the LCD back cover assy](#)
- [Removing the battery](#)
- [Removing the pen garage](#)
- [Removing the application key sub board](#)

Required tools:

- Screwdriver: Phillips PH 00



- ▶ Remove the two M2XL3 screws (yellow circles) from the WWAN antennas (red rectangles).
- ▶ Release the two connector locks (yellow arrows) and remove the flexprint cable.



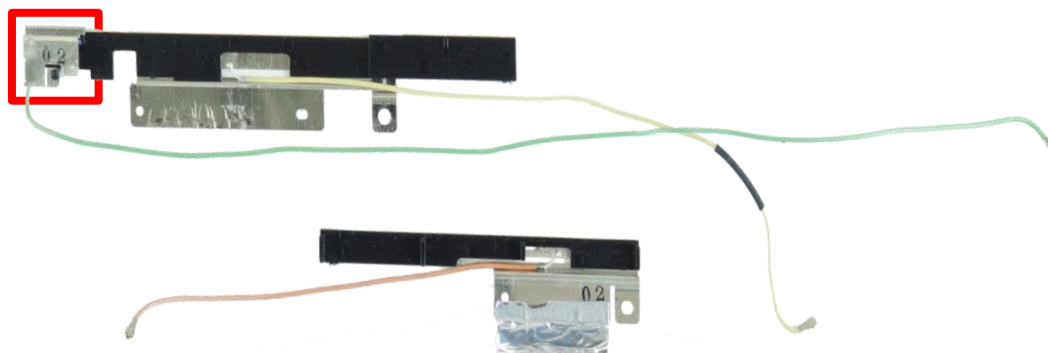
- ▶ Place the gasket in the fan direction (green arrow).
- ▶ Disconnect the two WWAN antenna cables (yellow circles) from the LTE module.
- ▶ Remove both the WWAN antennas from the device.

Warning!

- ▶ 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.

Warning!

- ▶ The yellow antenna cable is routed through the camera module in a cable guide (yellow arrows).
- ▶ The orange antenna cable is fed into a cable guide from the housing (orange arrows)
- ▶ The third antenna shown is one of the two SAR antennas (red square), which must be disconnected from the WWAN antenna in case of replacement (see figure below).



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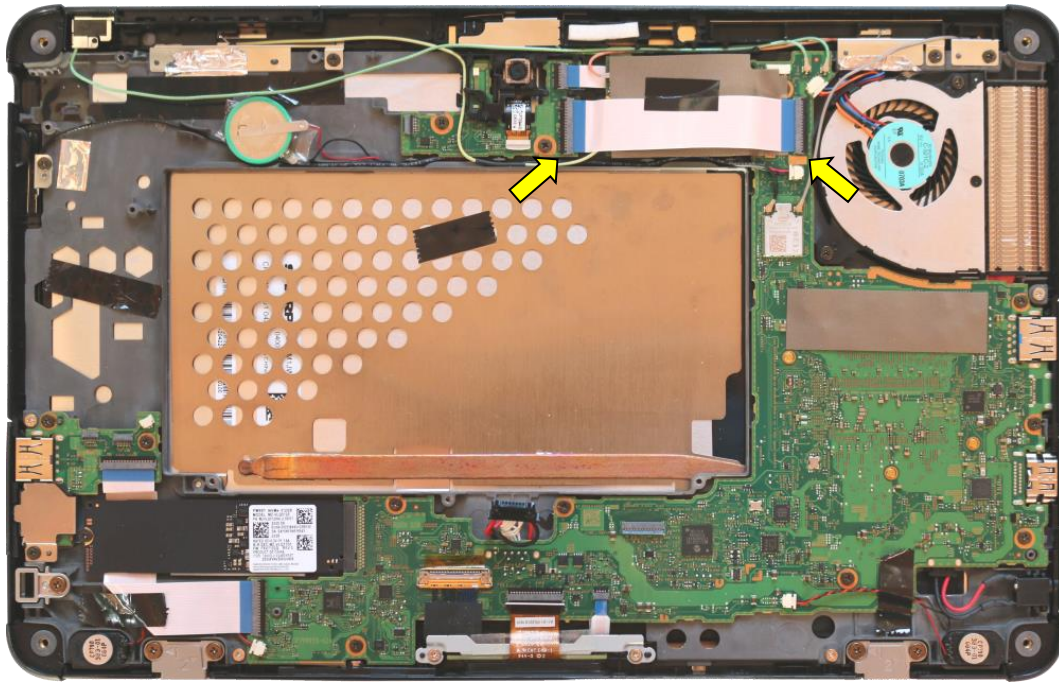
Removing the LTE module

Required work steps:

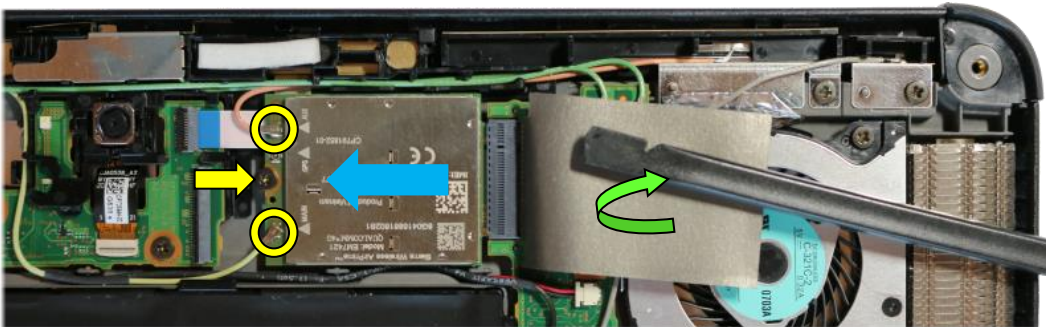
- [Removing the LCD back cover assy](#)
- [Removing the battery](#)

Required tools:

- Screwdriver: Phillips PH 00



- ▶ Release the two connector locks (yellow arrows) and remove the flexprint cable.



- ▶ Place the gasket in the fan direction (green arrow).
- ▶ Disconnect the two WWAN antenna cables (yellow circles) from the LTE module.
- ▶ Remove the screw M2XL2.5 (yellow arrow).
- ▶ Lift the card slightly and remove it in the direction of the blue arrow.

Warning!

- ▶ 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.

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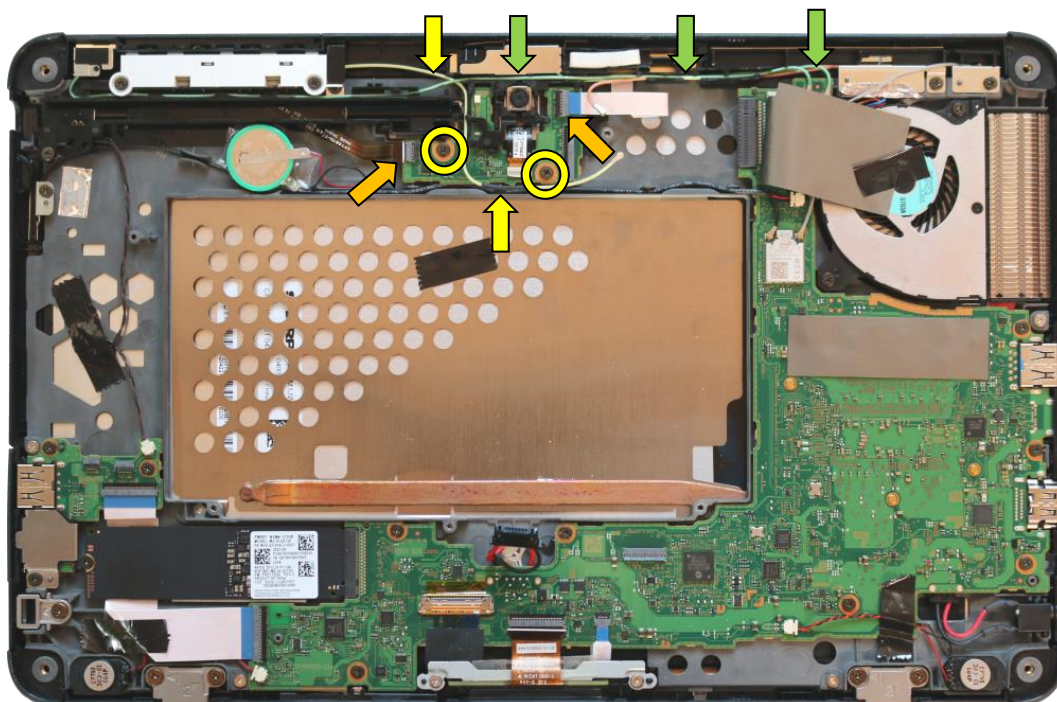
Removing the camera module

Required work steps:

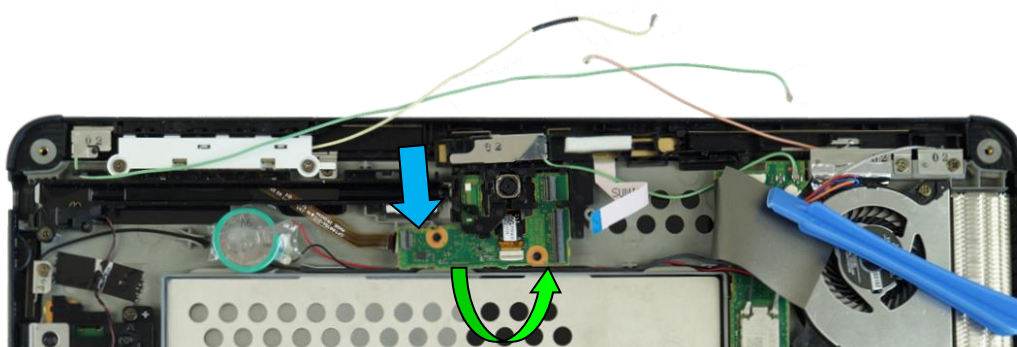
- [Removing the LCD back cover assy](#)
- [Removing the battery](#)
- [Removing the LTE module](#)

Required tools:

- Screwdriver: Phillips PH 00



- ▶ Disconnect the flexprint cables connected to the camera sub board (orange arrows).
- ▶ Remove both screws M2XL3 (yellow circles).
- ▶ Disconnect the two SAR antenna cables (green arrows) from the mainboard and lay them together with the yellow WWAN antenna cable (yellow arrows) outside the work area.



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



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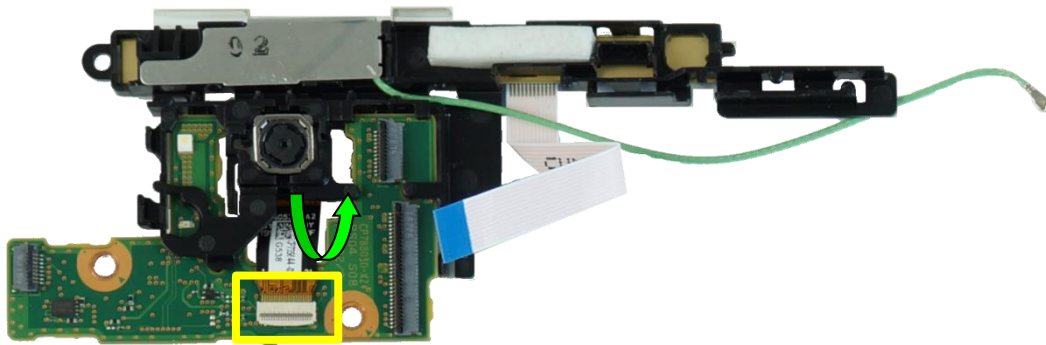
Removing the rear camera

Required work steps:

- [Removing the LCD back cover assy](#)
- [Removing the battery](#)
- [Removing the LTE module](#)
- [Removing the camera module](#)

Required tools:

- none



- ▶ 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 thread the rear camera out of the module (green arrow).

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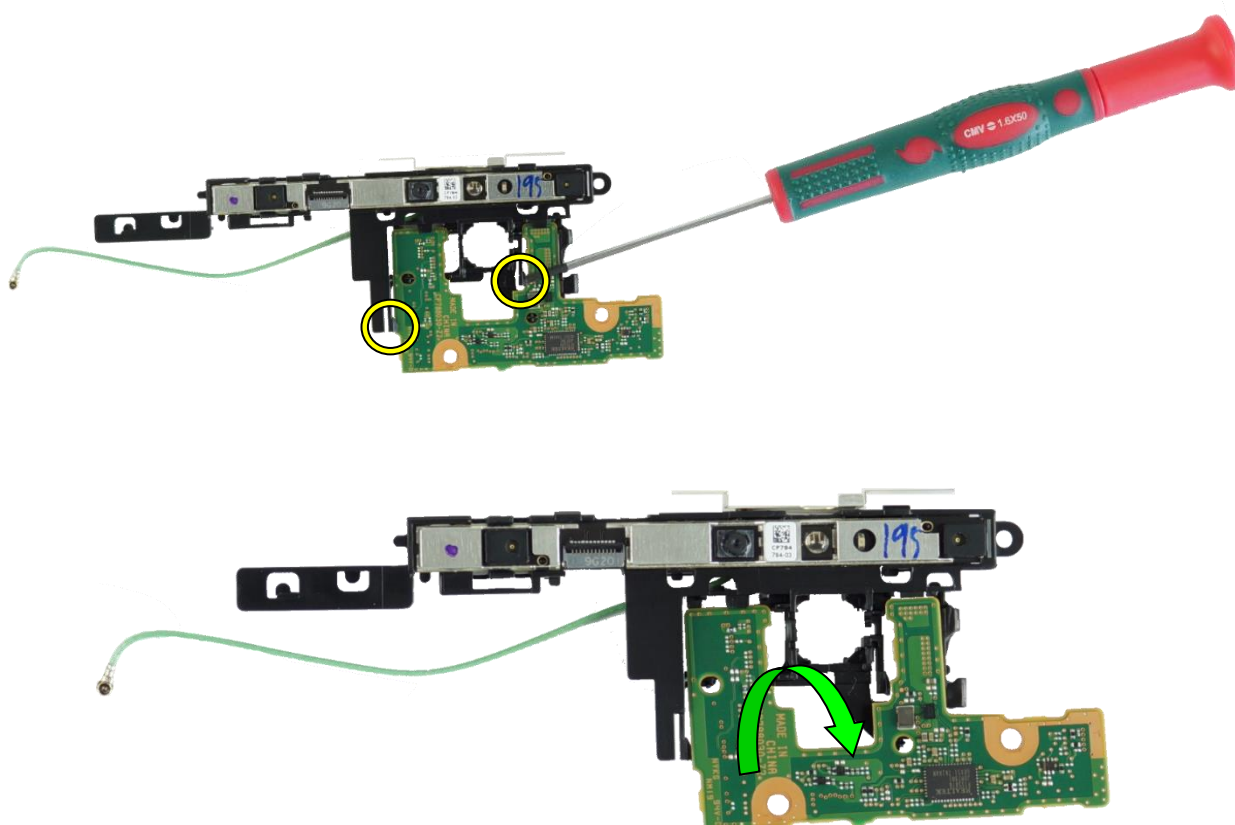
Removing the camera sub board

Required work steps:

- [Removing the LCD back cover assy](#)
- [Removing the battery](#)
- [Removing the LTE module](#)
- [Removing the camera module](#)
- [Removing the rear camera](#)

Required tools:

- Screwdriver: Phillips PH 00
- 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 (green arrow).



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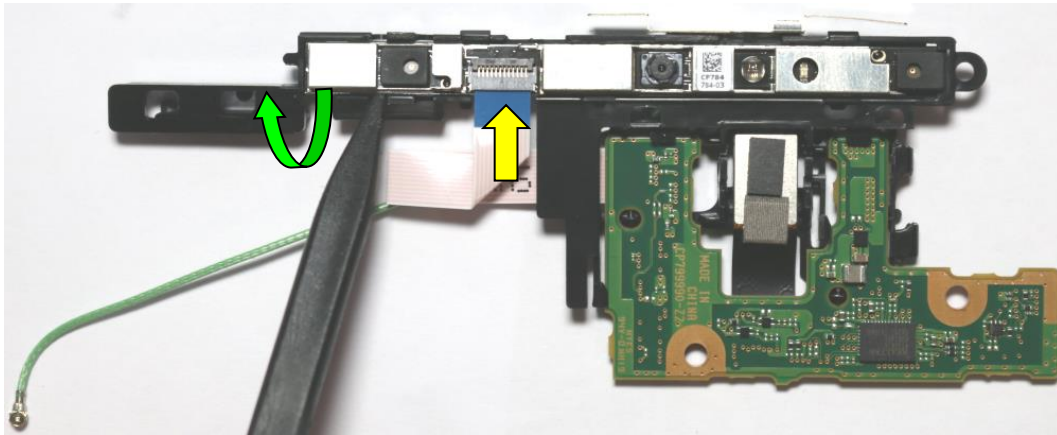
Removing the front camera

Required work steps:

- [Removing the LCD back cover assy](#)
- [Removing the battery](#)
- [Removing the LTE module](#)
- [Removing the camera module](#)

Required tools:

- Plastic tool



- ▶ Remove the flexprint cable (yellow arrow).
- ▶ Carefully release and lift the camera module with a plastic tool (green arrow) and disconnect it from its frame holder.

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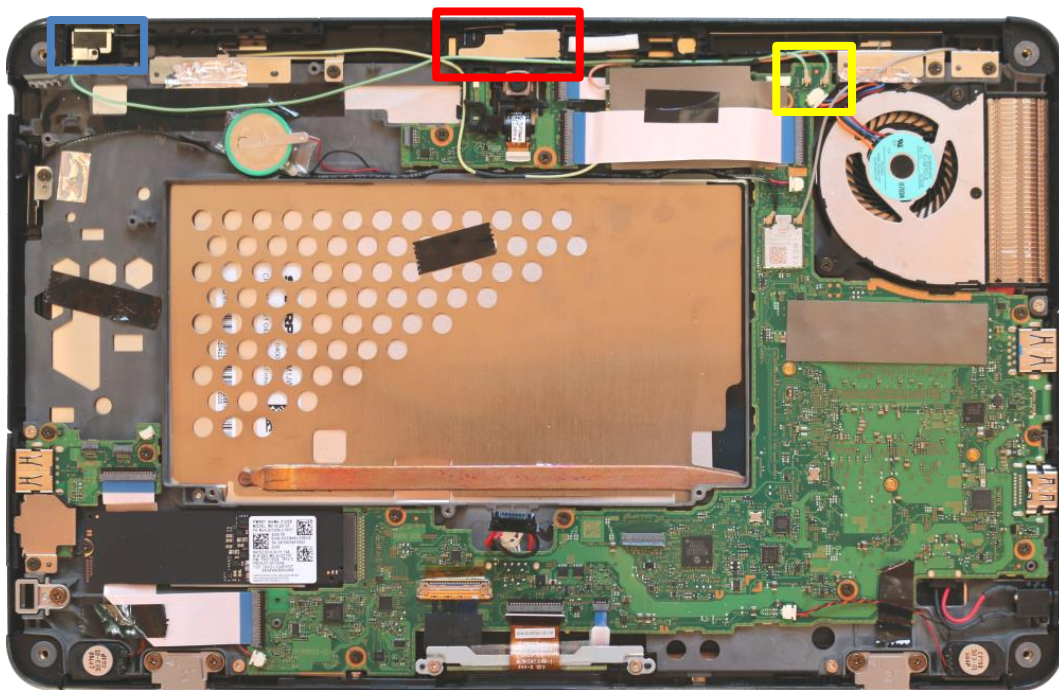
Removing the SAR antennas

Required work steps:

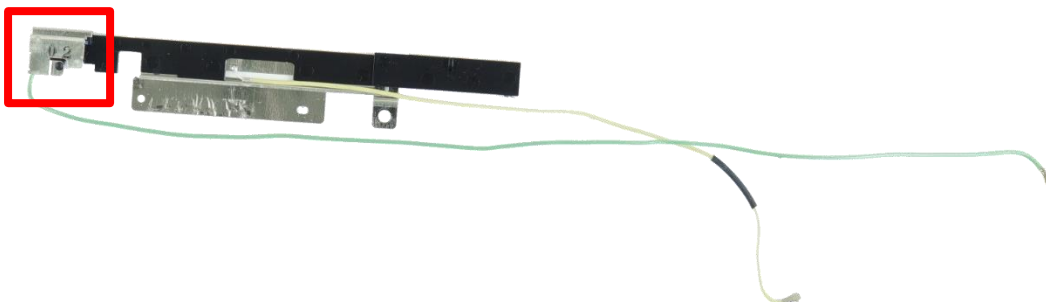
- [Removing the LCD back cover assy](#)
- [Removing the battery](#)
- [Removing the pen garage](#)
- [Removing the application key sub board](#)
- [Removing the WWAN antennas](#)
- [Removing the LTE module](#)
- [Removing the camera module](#)

Required tools:

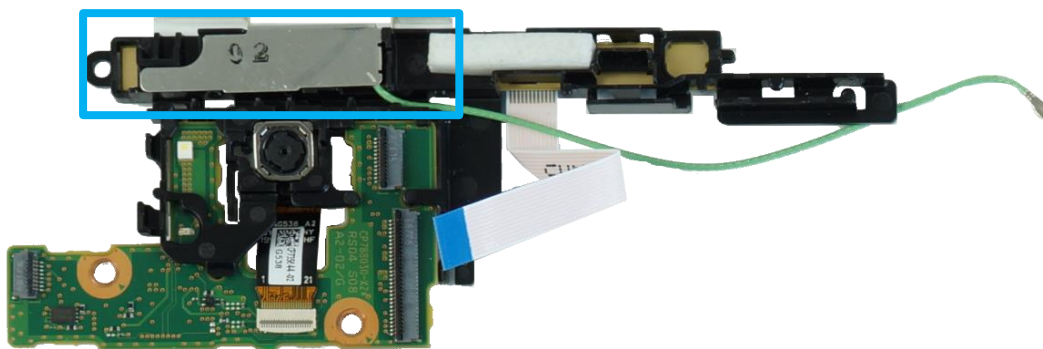
- Plastic tool



- ▶ One SAR antenna (blue rectangle) is on the bracket of the WWAN antenna and the other SAR antenna (red rectangle) is on the holder of the camera module. Both antennas are connected to the mainboard (yellow rectangle).
- ▶ Please consider all the necessary steps, especially those described in chapter [Removing the WWAN antennas](#) and [Removing the camera module](#).



- ▶ Carefully release the first SAR antenna from the WWAN antenna (red rectangle). If necessary, use a plastic tool to do this.



- ▶ Release the second SAR antenna (blue rectangle) from the camera module. If necessary, use a plastic tool to do this.

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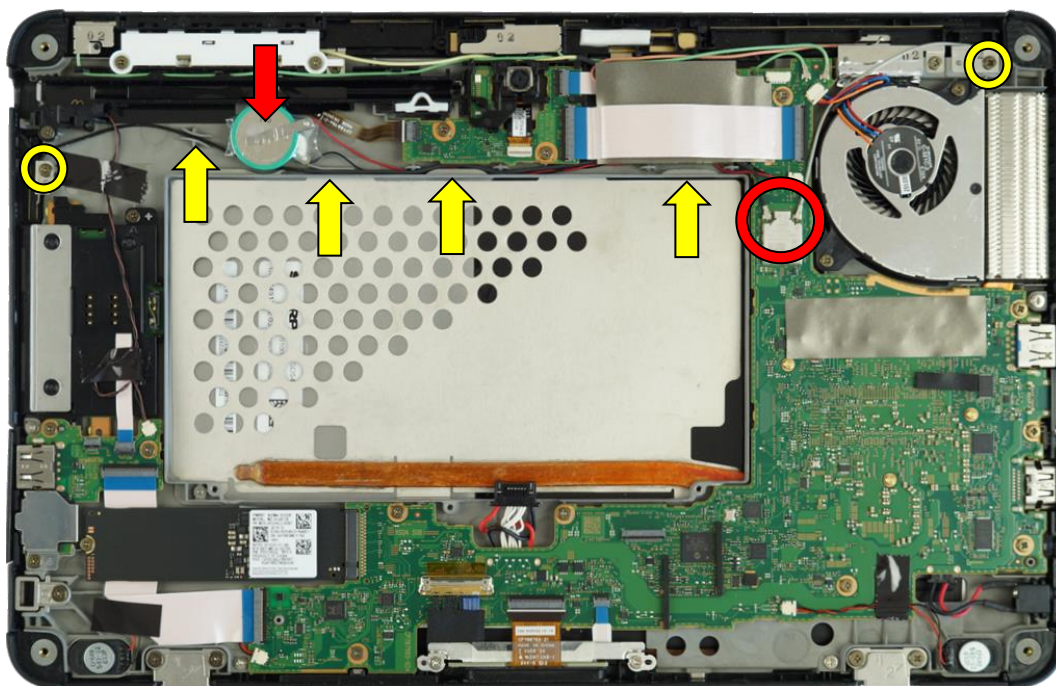
Removing the WLAN antennas

Required work steps:

- [Removing the LCD back cover assy](#)
- [Removing the battery](#)

Required tools:

- Screwdriver: Phillips PH 00



- ▶ Undo the two M2XL3 screws (yellow circles).
- ▶ Disconnect both WLAN antenna cables (red circle).
- ▶ Disconnect the CMOS battery (red arrow) as the wire is laid underneath.
- ▶ The black WLAN antenna must be returned to the cable guide after it has been replaced (yellow arrows).

Warning!

- ▶ 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.



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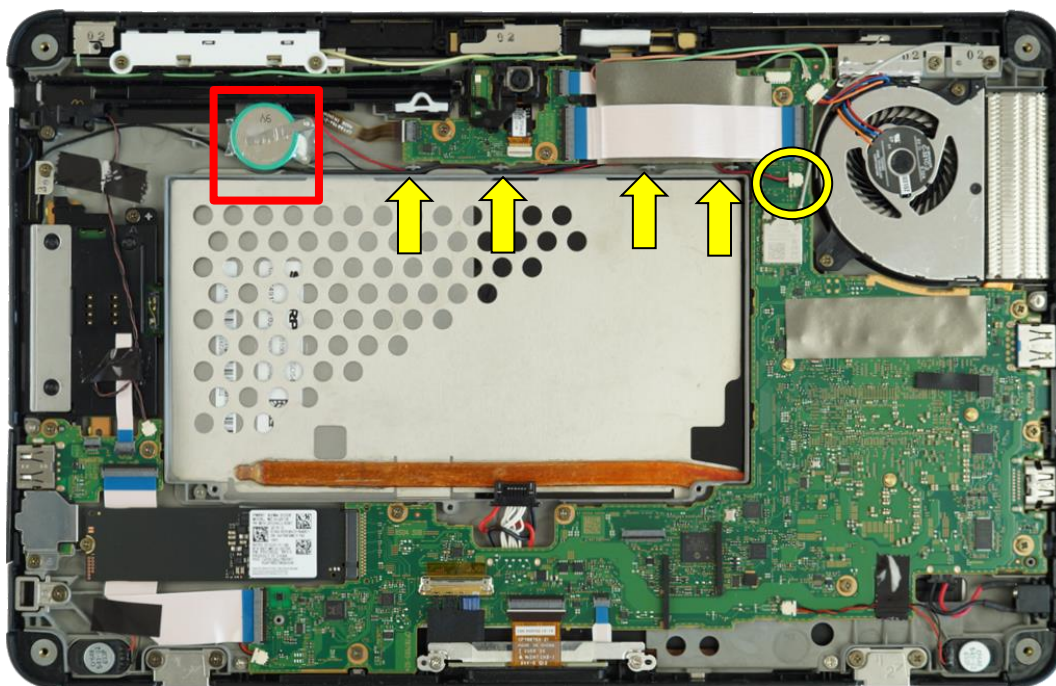
Removing the CMOS battery

Required work steps:

- [Removing the LCD back cover assy](#)
- [Removing the battery](#)

Required tools:

- none



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

Please note!

- ▶ The CMOS battery can be ordered separately, but is also included with the mainboard.
- ▶ After installation, the cable must be returned to its cable guide (yellow arrows).



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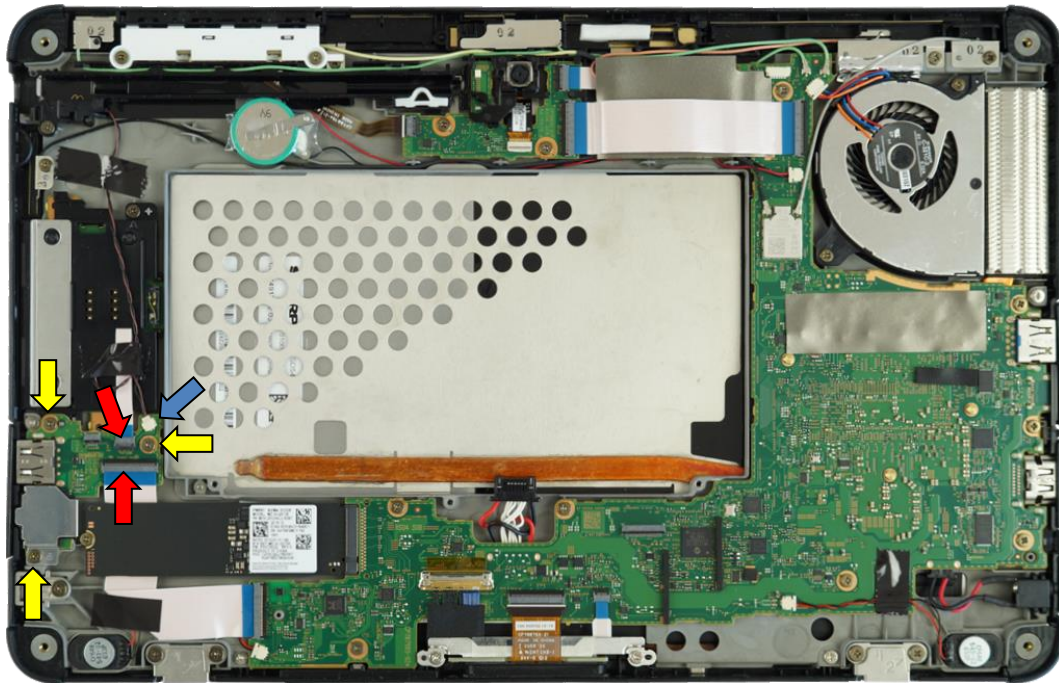
Removing the USB / audio sub board

Required work steps:

- [Removing the LCD back cover assy](#)
- [Removing the battery](#)

Required tools:

- Screwdriver: Phillips PH 00



- ▶ Disconnect both flexprint cables (red arrows).
- ▶ Carefully disconnect the pen garage cable (blue arrow).
- ▶ Remove the three M2XL2.5-0 screws (yellow circles).



- ▶ The USB / audio sub board can then be removed from the device in the direction of the green arrow.

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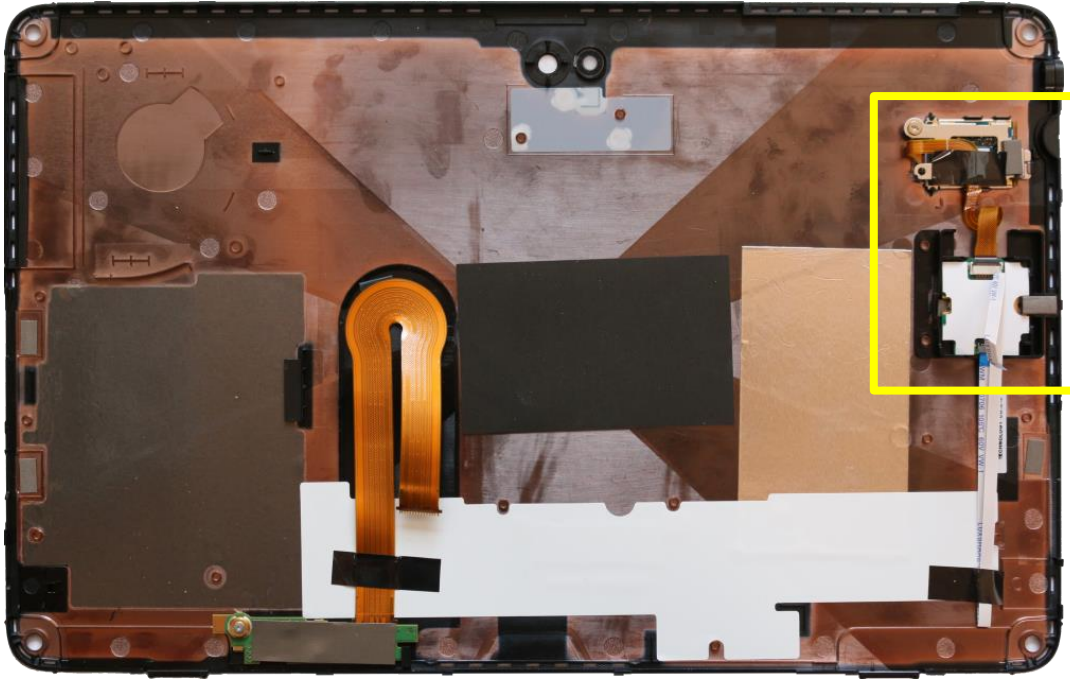
Removing the fingerprint sensor

Required work steps:

- [Removing the LCD back cover assy](#)

Required tools:

- none



- ▶ The figure above shows a device configuration with fingerprint sensor and SecureBIO (yellow rectangle).
- ▶ The fingerprint sub board is integrated in the LCD back cover assy and has to be replaced completely if it is defective.
- ▶ The fingerprint sub board is not available separately.

Please note!

- ▶ There are six different types of LCD back covers assy.

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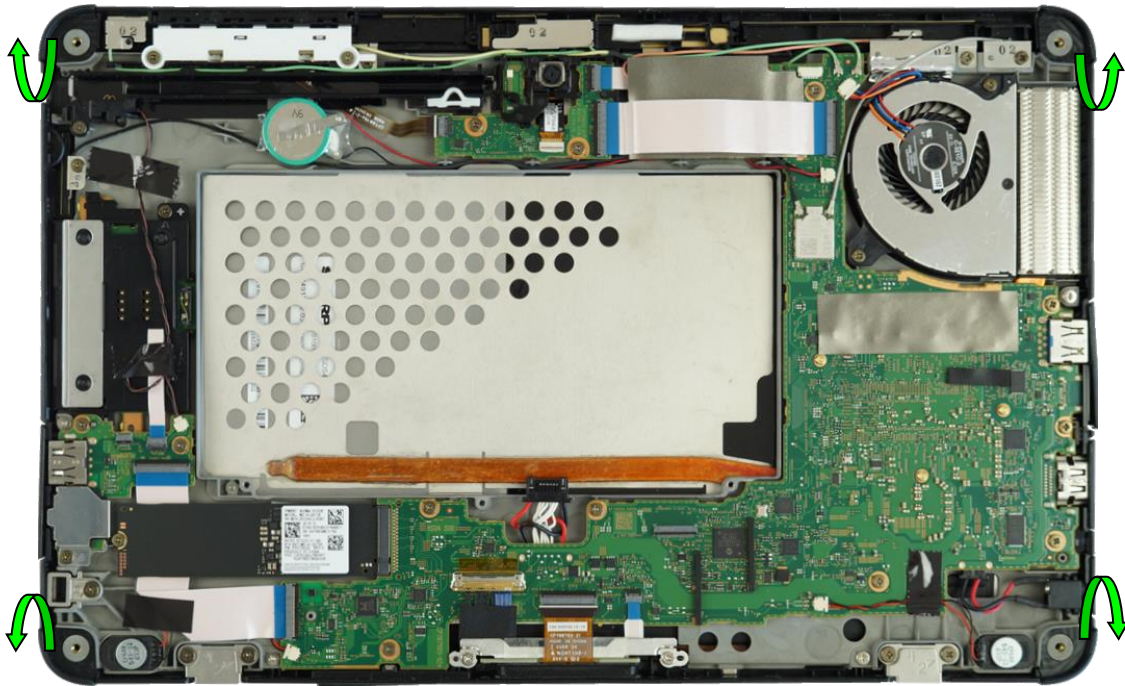
Removing the corner rubbers

Required work steps:

- [Removing the LCD back cover assy](#)
- [Removing the battery](#)

Required tools:

- none



- ▶ Lift each corner rubber from its bracket.

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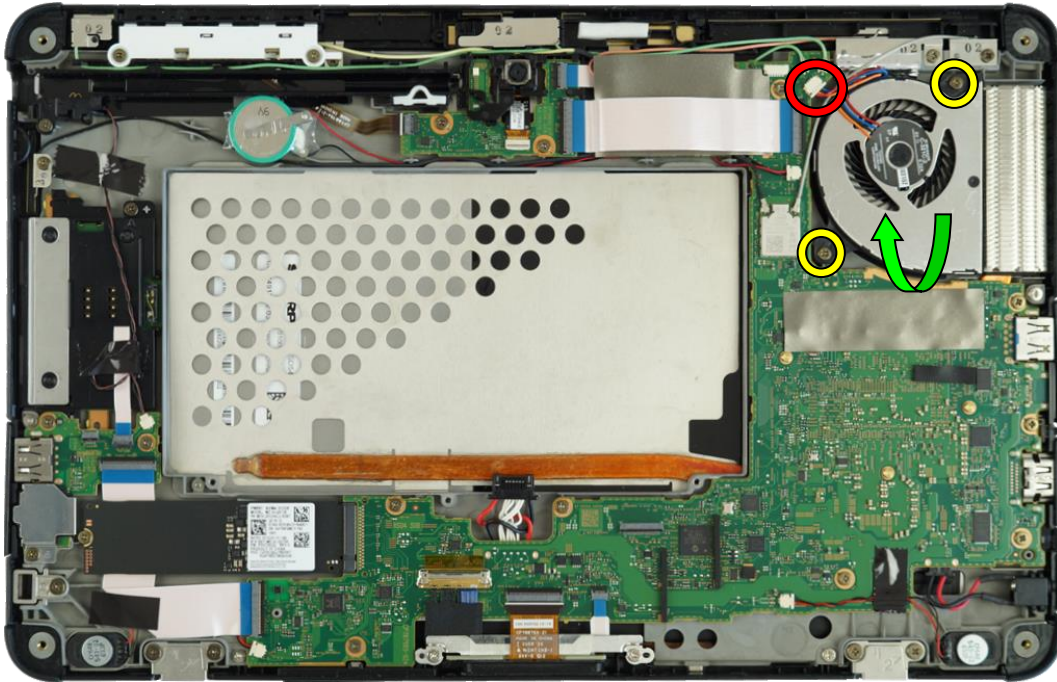
Removing the fan

Required work steps:

- [Removing the LCD back cover assy](#)
- [Removing the battery](#)

Required tools:

- Screwdriver: Phillips PH 00



- ▶ Remove both screws M2XL3 (yellow circles).
- ▶ Remove the cable (red circle) from the mainboard.
- ▶ Carefully lift the fan out (green arrow).

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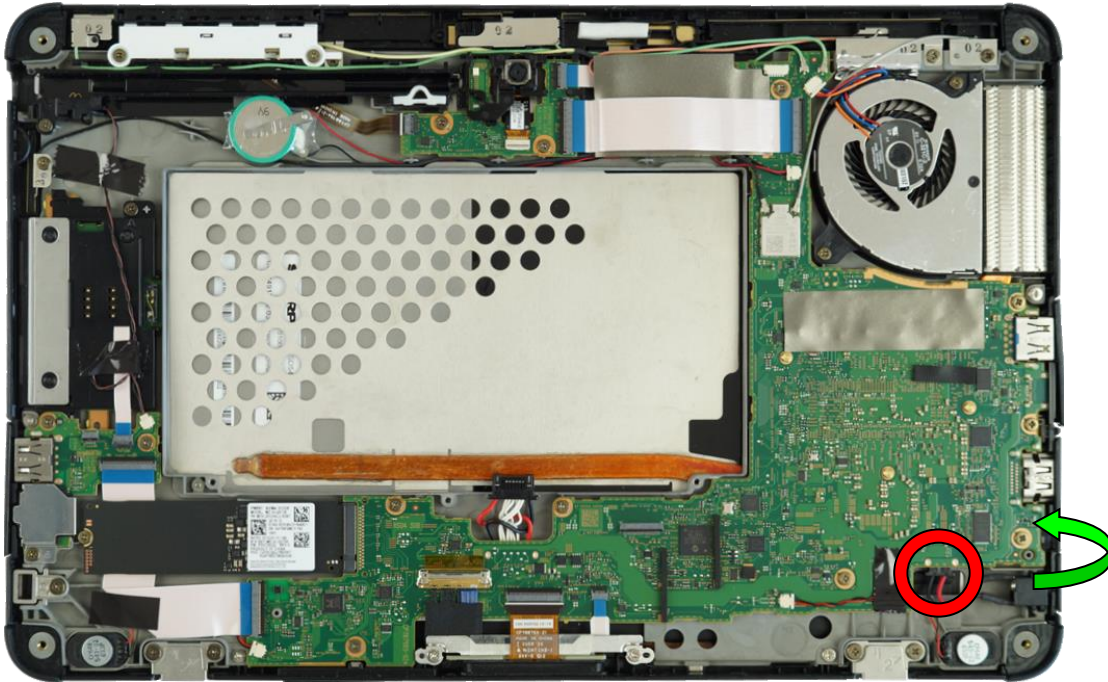
Removing the DC-in connector

Required work steps:

- [Removing the LCD back cover assy](#)
- [Removing the battery](#)

Required tools:

- none



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

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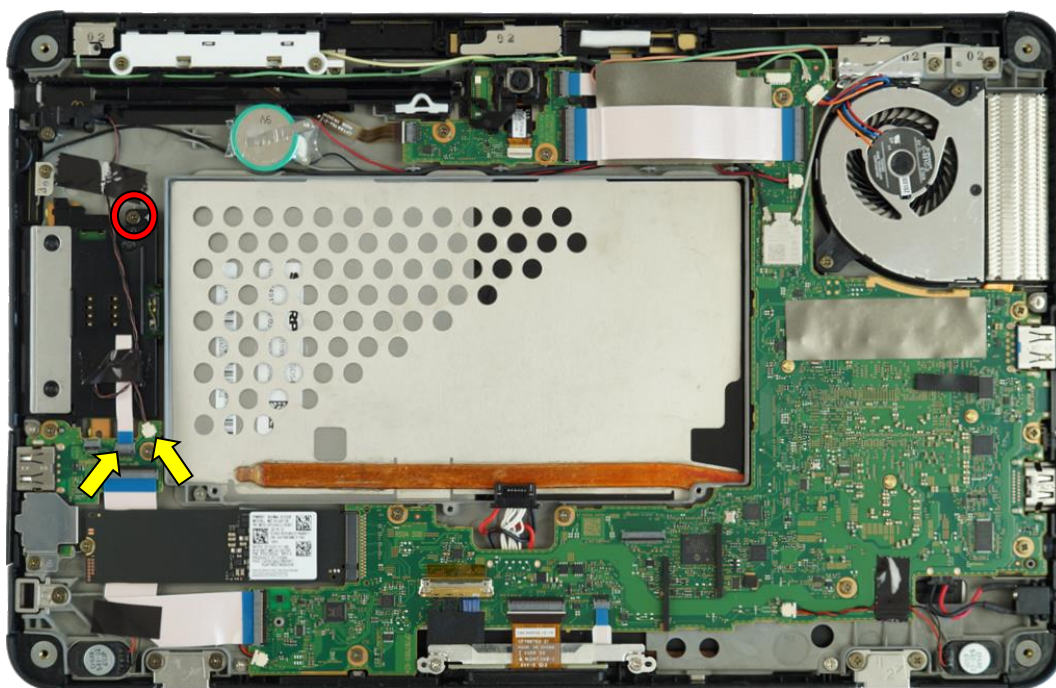
Removing the SmartCard reader

Required work steps:

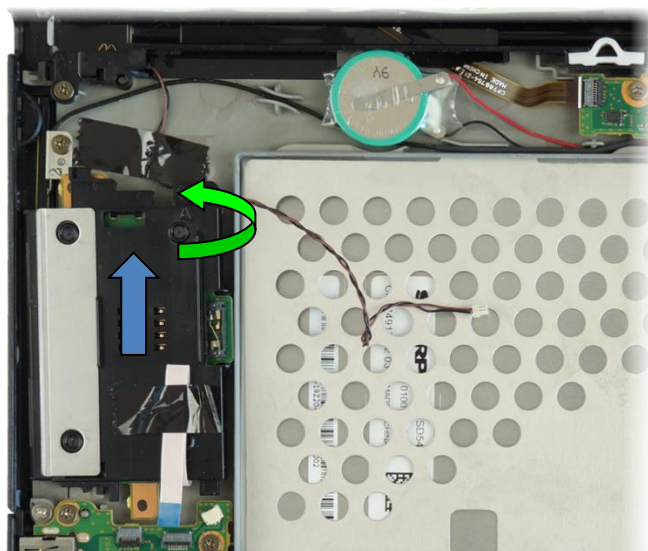
- [Removing the LCD back cover assy](#)
- [Removing the battery](#)

Required tools:

- Screwdriver: Phillips PH 00



- ▶ Disconnect the cable (yellow arrows).
- ▶ Remove the M2XL3 screw (red circle).



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



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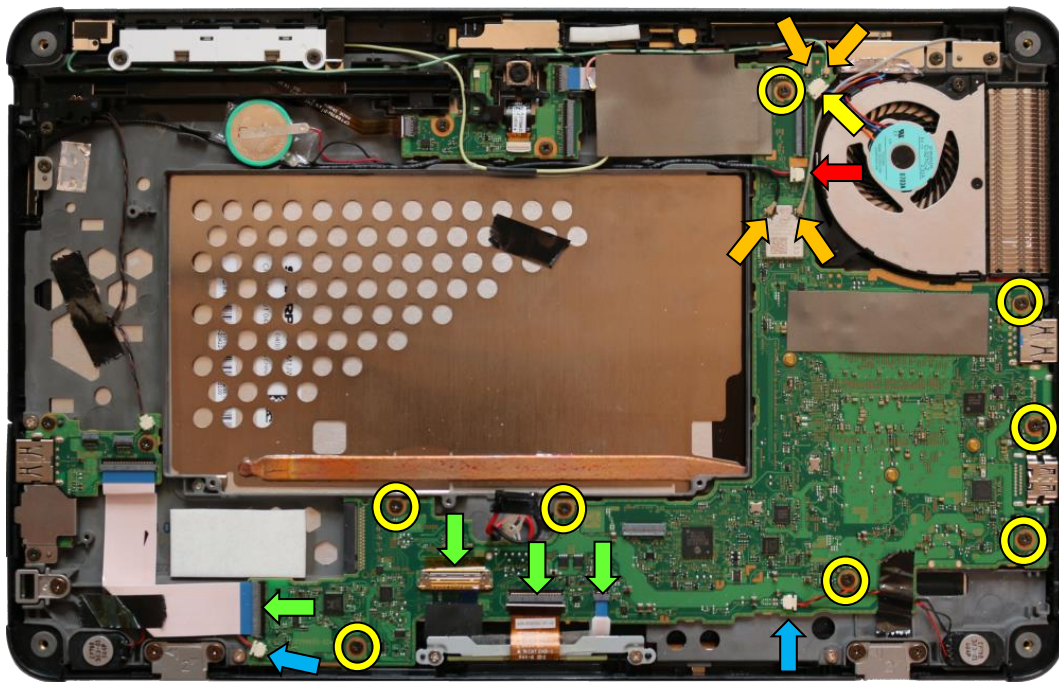
Removing the mainboard

Required work steps:

- [Removing the LCD back cover assy](#)
- [Removing the battery](#)
- [Removing the M.2 module](#)
- [Removing the LTE module](#)
- [Removing the DC-in connector](#)

Required tools:

- Screwdriver: Phillips PH 00



- ▶ Disconnect the four antenna cables (orange arrows), the fan cable (yellow arrow), the CMOS battery cable (red arrow) and the speaker cables (blue arrows).
- ▶ Disconnect the flexprint cables from the cable holders (green arrows).
- ▶ Remove the eight M2XL3 screws (yellow circles).
- ▶ When you remove the mainboard, pay attention also to the housing, as the mainboard may be a bit jammed or canted.

Please note!

- ▶ 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 connecting cable between the mainboard and the battery can be ordered separately and must be removed from the main board.



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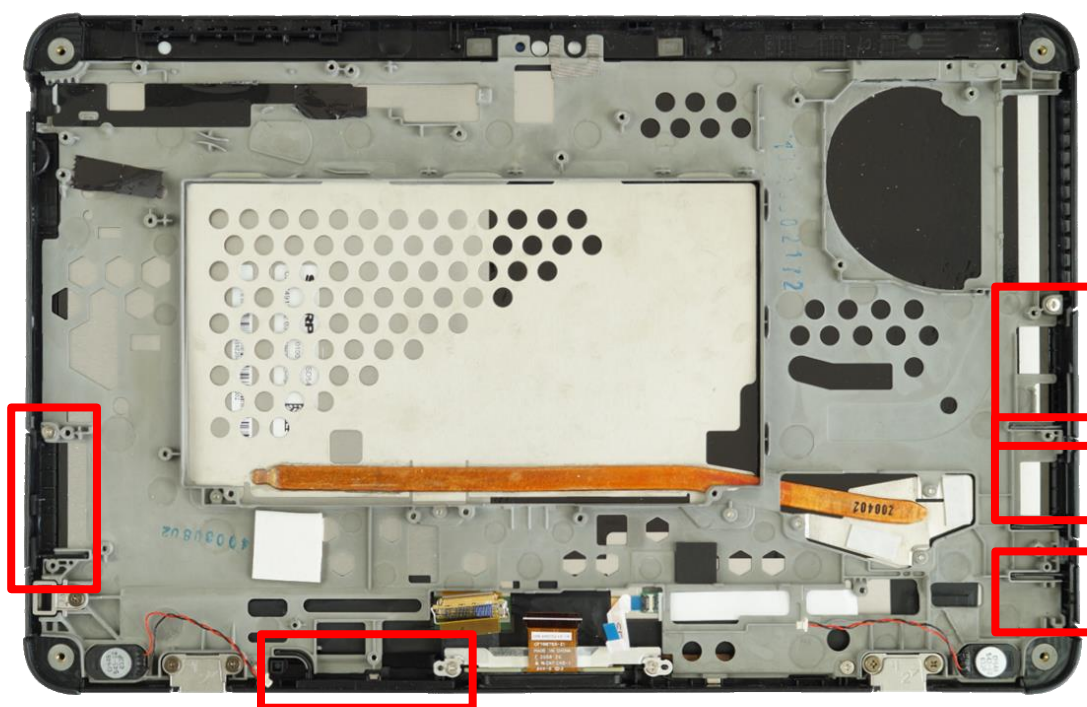
Removing the various covers

Required work steps:

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

Required tools:

- Screwdriver: Phillips PH 00



- If it is necessary to replace the LCD assy, carefully remove the covers (red rectangles) by feeding them through the recesses (yellow rectangles, bottom figure). This procedure applies to all covers.



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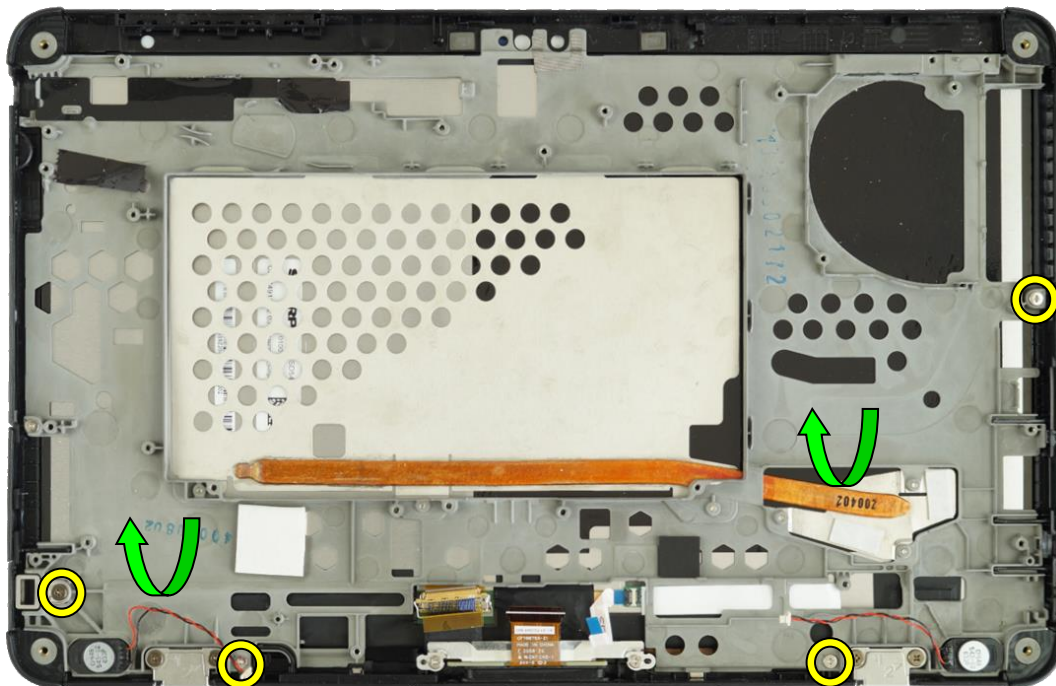
Removing the inner support plate including the speaker

Required work steps:

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

Required tools:

- Screwdriver: Phillips PH 00



- ▶ Before you can remove the inner support plate including the speaker, the covers must be pulled out.
- ▶ Remove the four M2XL3 screws (yellow circles).
- ▶ Carefully lift the inner support plate out (green arrows).

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Removing the LCD module

Required work steps:

- [Removing the LCD back cover assy](#)
- [Removing the battery](#)
- [Removing the M.2 module](#)
- [Removing the LTE module](#)
- [Removing the camera module](#)
- [Removing the pen garage](#)
- [Removing the application key sub board](#)
- [Removing the WWAN antennas](#)
- [Removing the SAR antennas](#)
- [Removing the WLAN antennas](#)
- [Removing the CMOS battery](#)
- [Removing the USB / audio sub board](#)
- [Removing the corner rubbers](#)
- [Removing the fan](#)
- [Removing the SmartCard reader](#)
- [Removing the mainboard](#)
- [Removing the docking connector](#)
- [Removing the various covers](#)
- [Removing the inner support plate including the speaker](#)

Required tools:

- Screwdriver: Phillips PH 00



Please note!

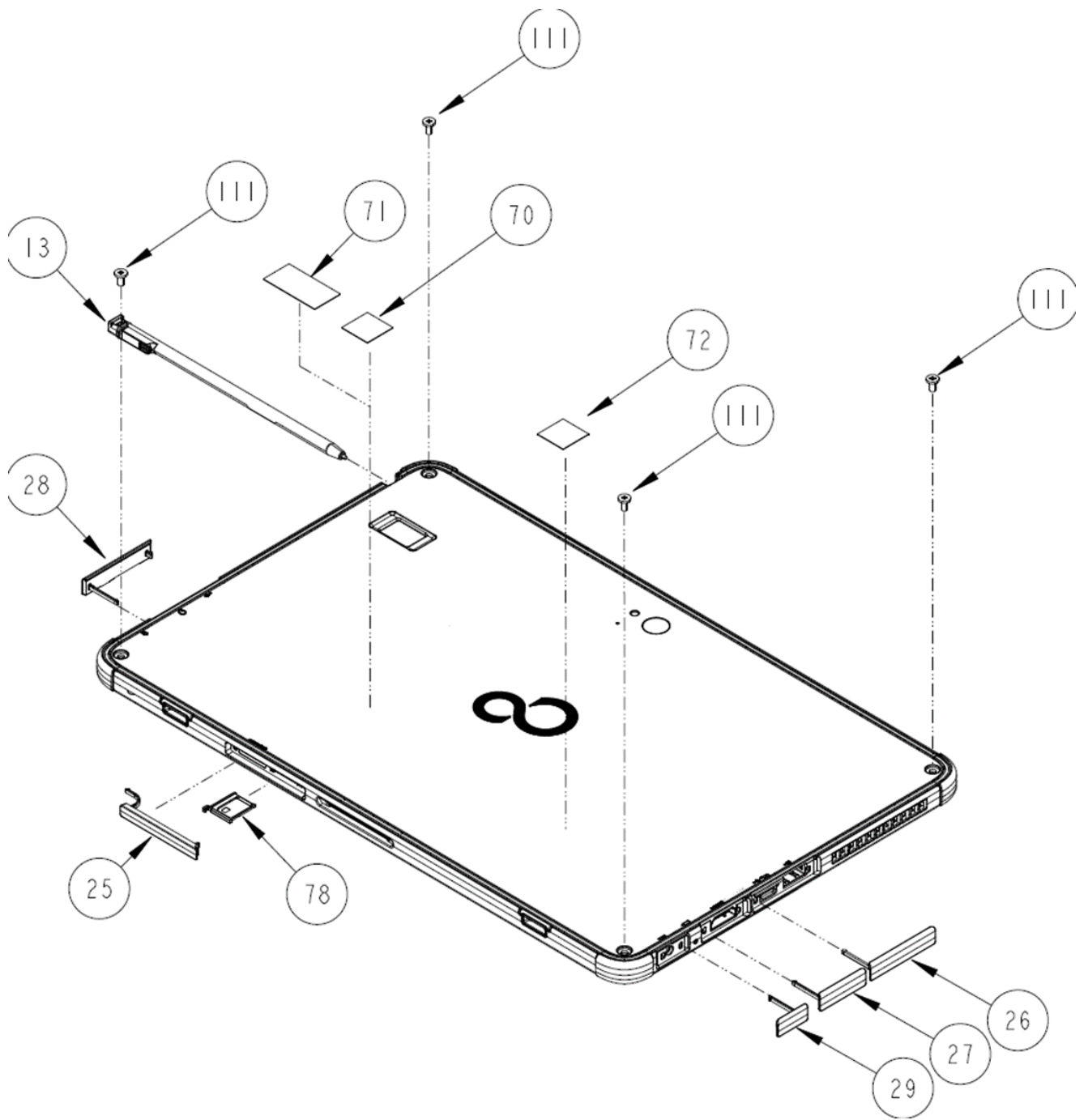
- ▶ Remove the five covers (red rectangles), as they are not included with the LCD assy.

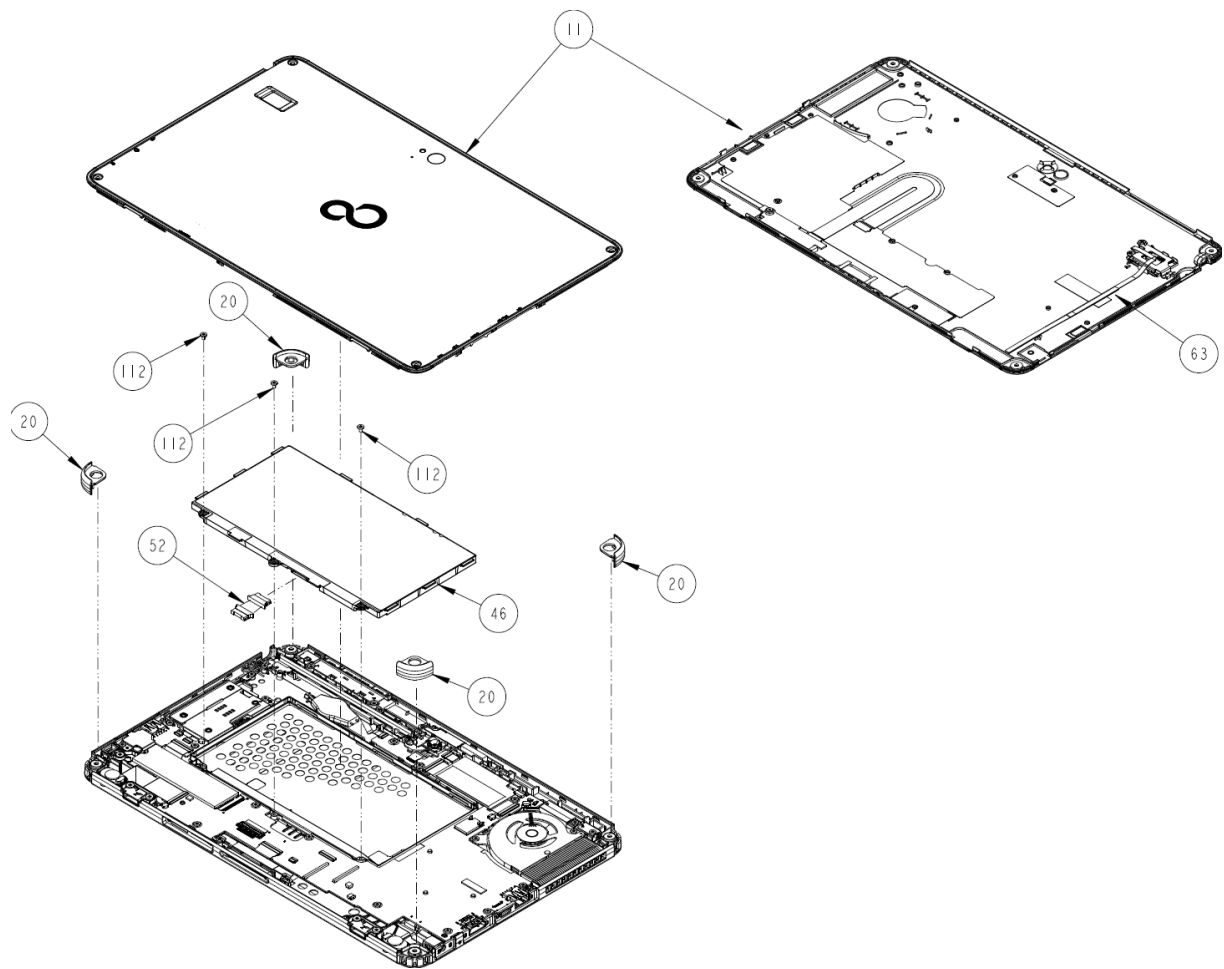


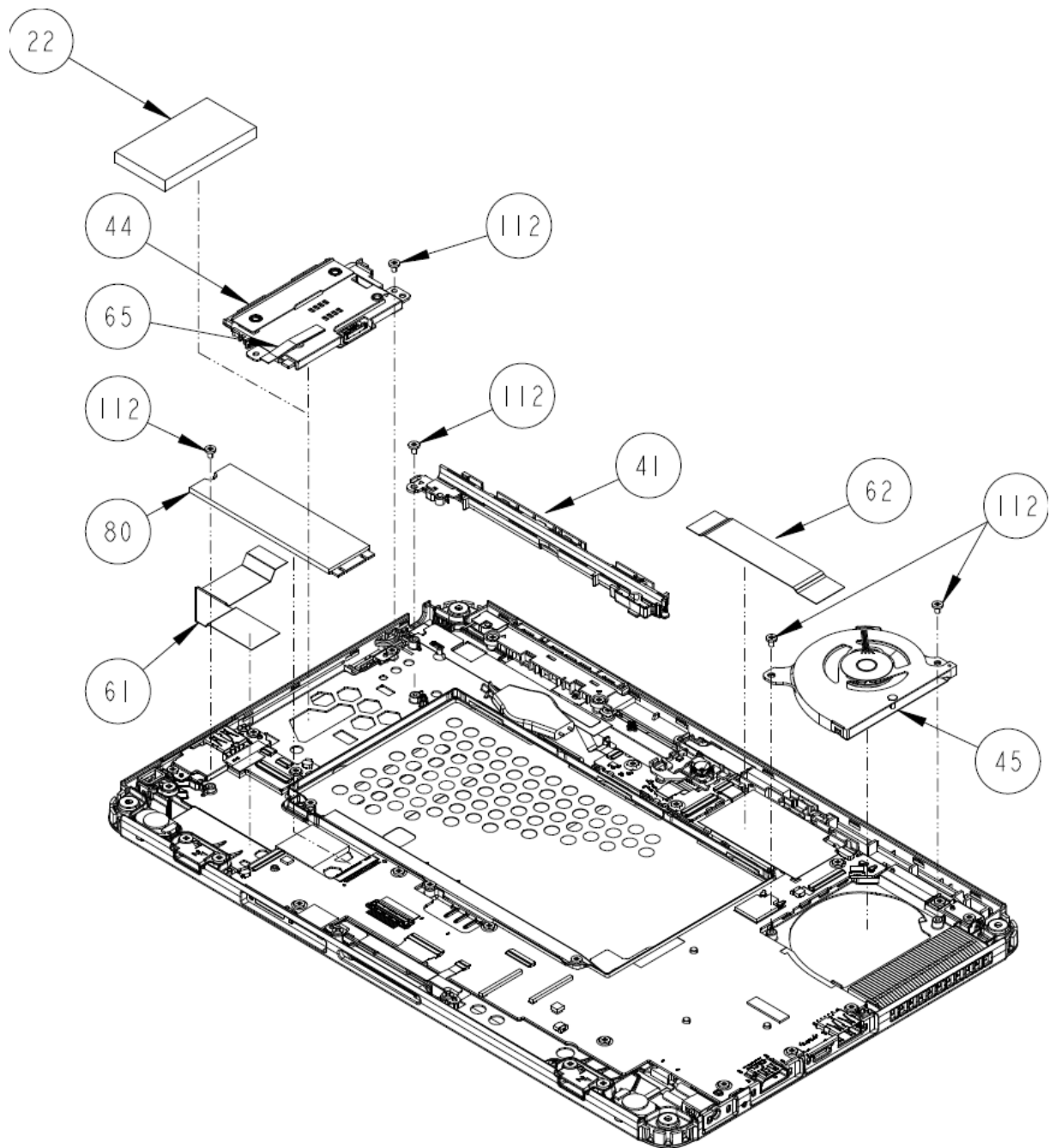
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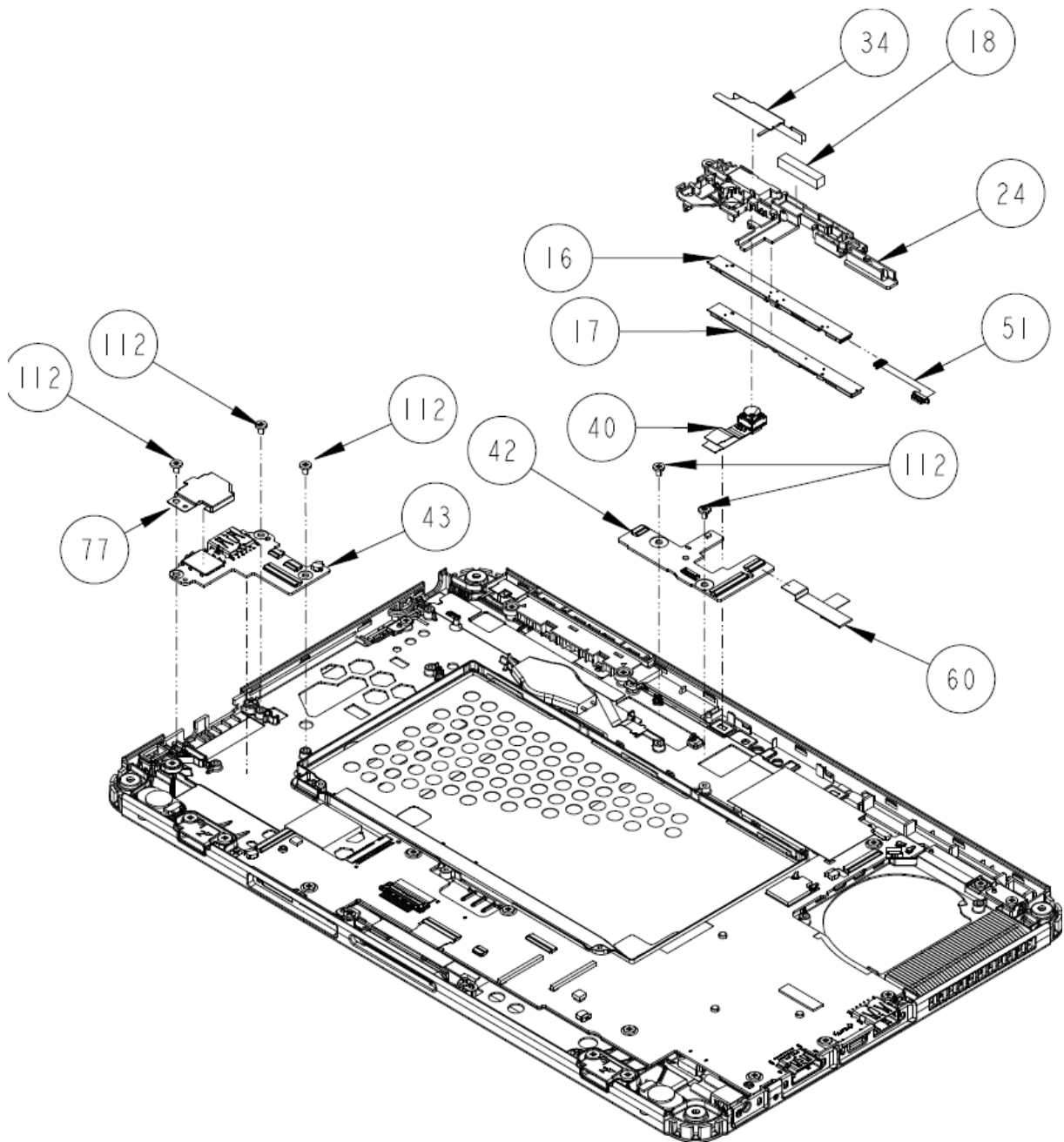
Spare parts STYLISTIC Q7312

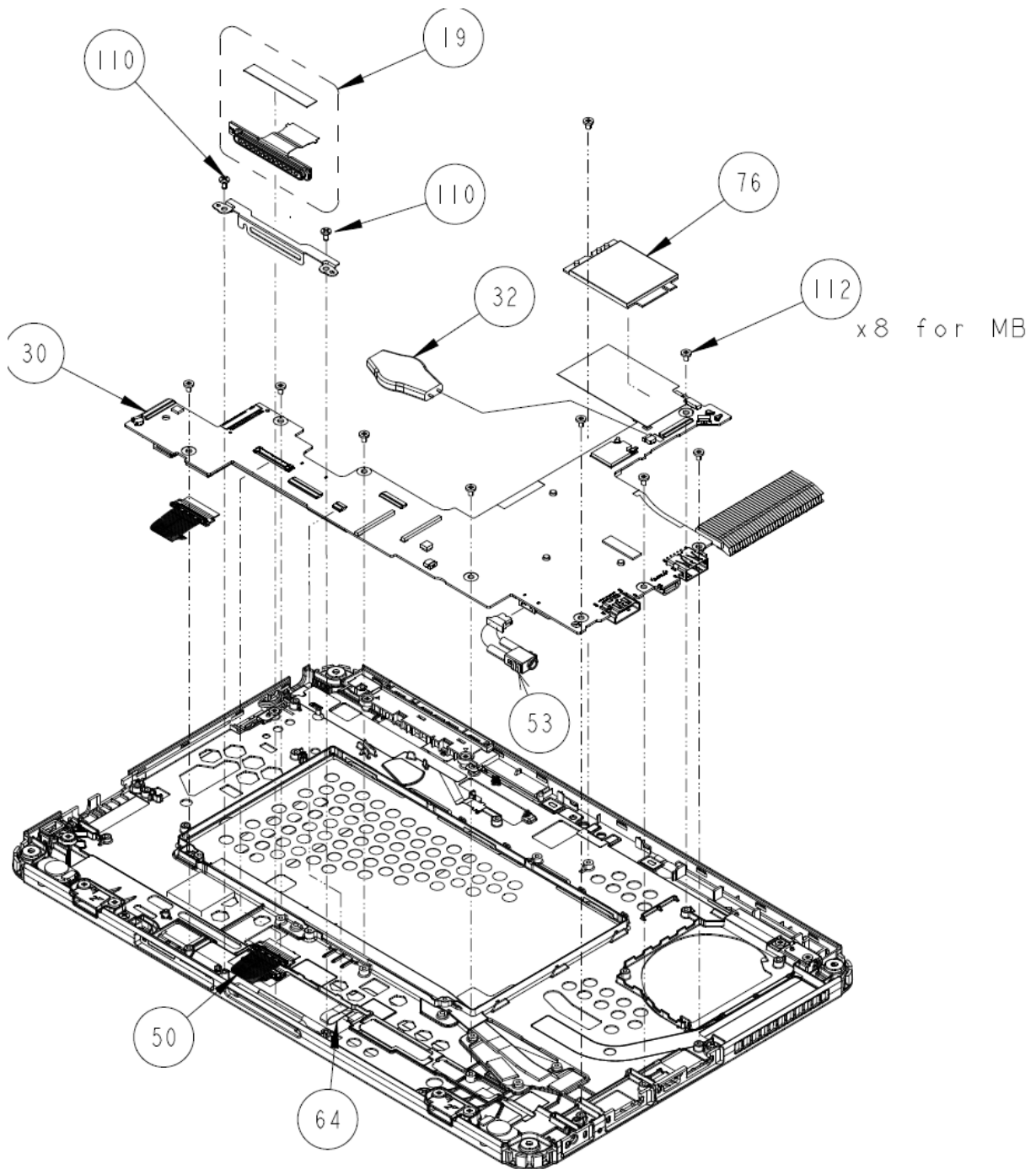
Pos.	Spare part	Internal designation	Replaceable parts		Upgradeable	Repairable
			Customer	Service Partner		
	Mechanical parts:					
11	LCD back cover assy	LCD back cover		x		
20	Rubber corners	Corner round cover (grip)		x		
15	Application buttons	Buttonset		x		
78	SIM tray	SIM tray	x			
82	AC adapter		x			
46	Battery			x		
53	DC-in connector	DC/IN connector with cable		x		
41	Pen garage	Pen garage		x		
80	Storage media (e.g. SSD, M.2 module)	Depending on the device configuration		x	x	
45	Cooling:					
	- Fans			x		
30	Mainboard	Depending on the device configuration		x	x	x
76	LTE module			x		
44	SmartCard reader			x		
10	LCD assy	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	Docking connector		x		
21	Inner support plate	Inner support plate w/speaker		x		
25/26/27/28/29	Cover: USB-HDMI audio port, SIM slot			x		
	Sub board (e.g. camera, audio/USB, application buttons)	Depending on the device configuration		x		
	Cables, flexprint cables, antennae	Depending on the device configuration		x		
	Fingerprint sensor - to change it, replace the LCD back cover assy					
	Speaker: to change it, replace the inner support plate					
	Memory: only if the mainboard is replaced					
	Processor: only if the mainboard is replaced					
	Graphics card: integrated into the CPU,					

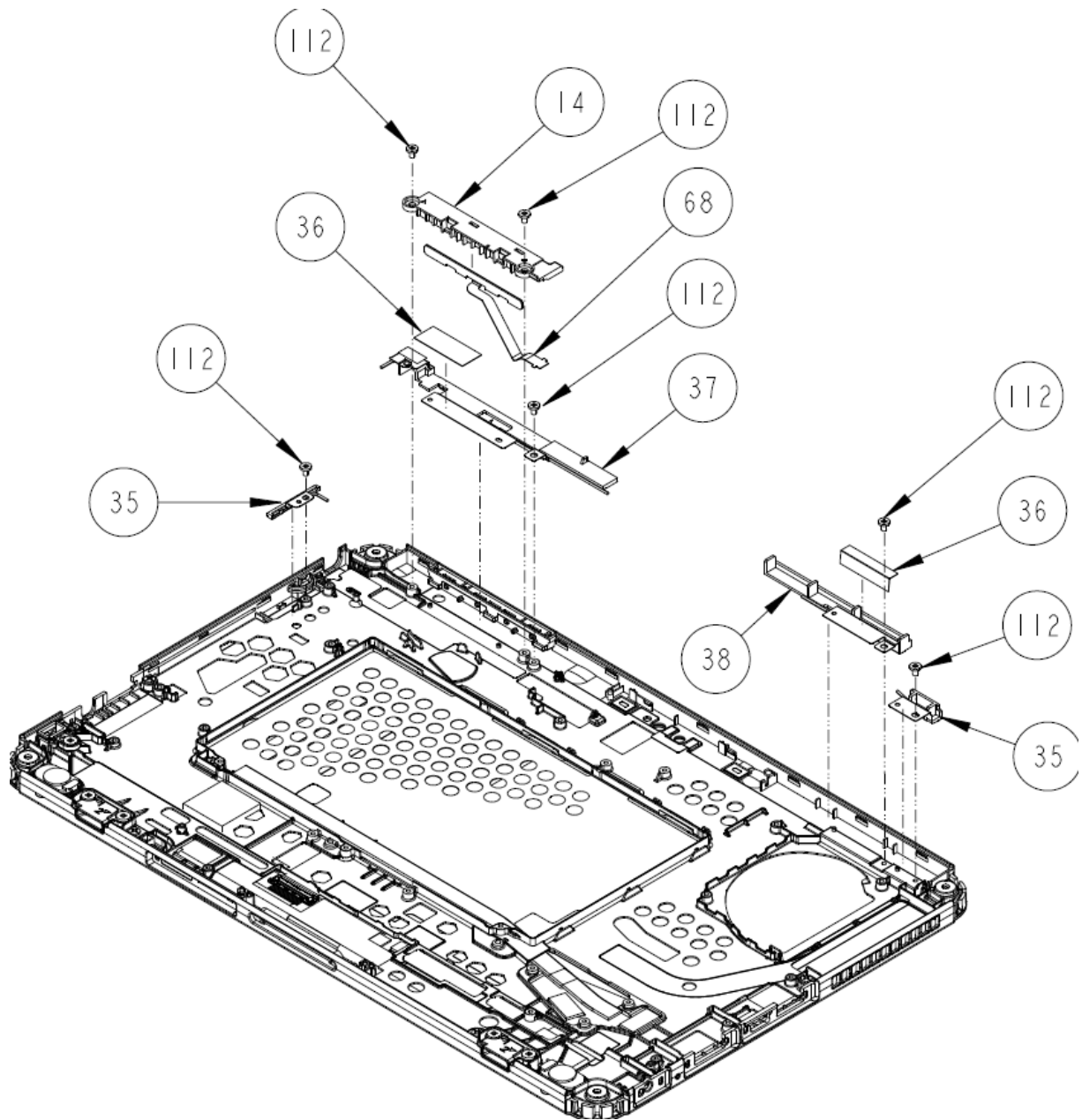


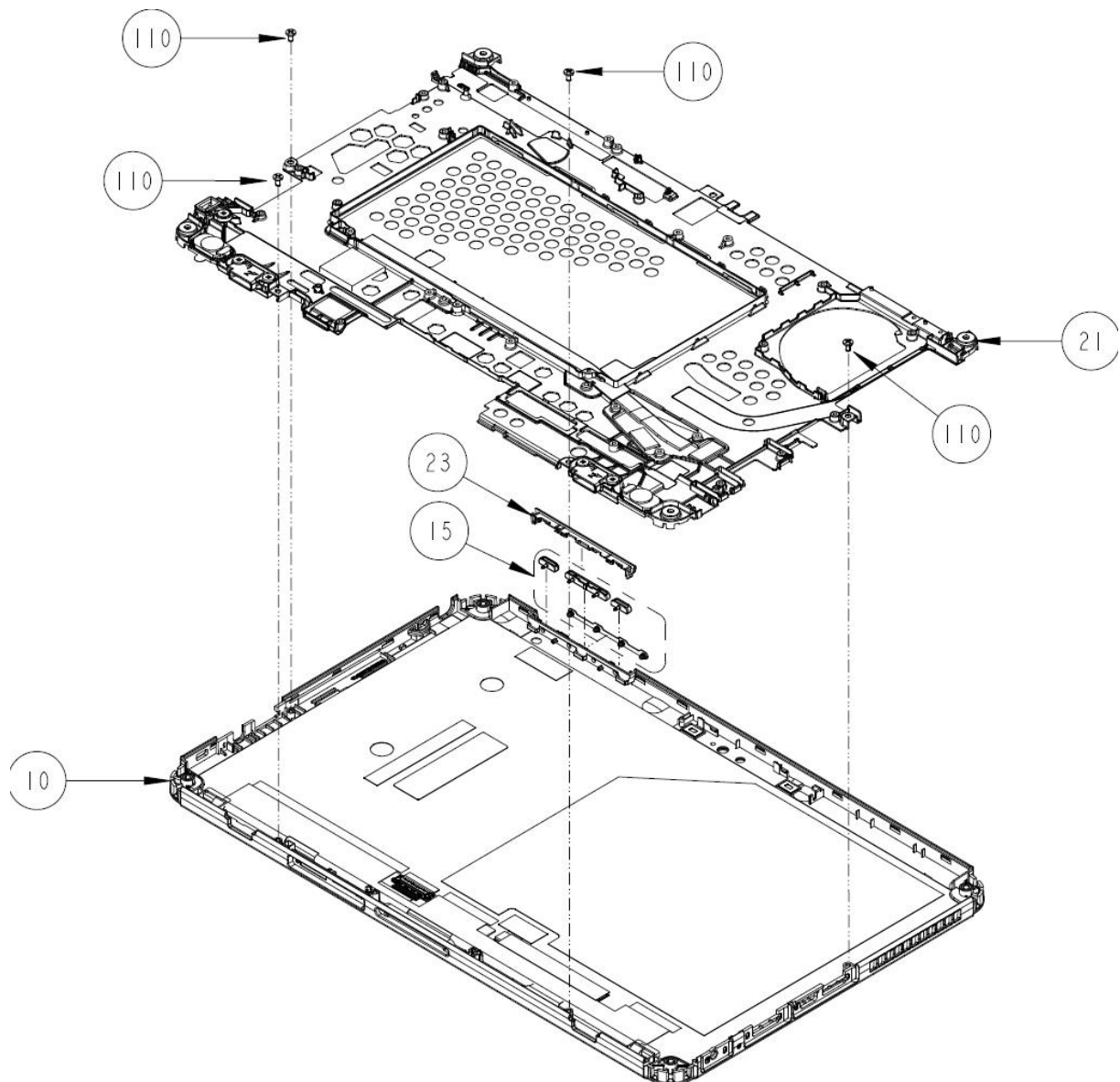


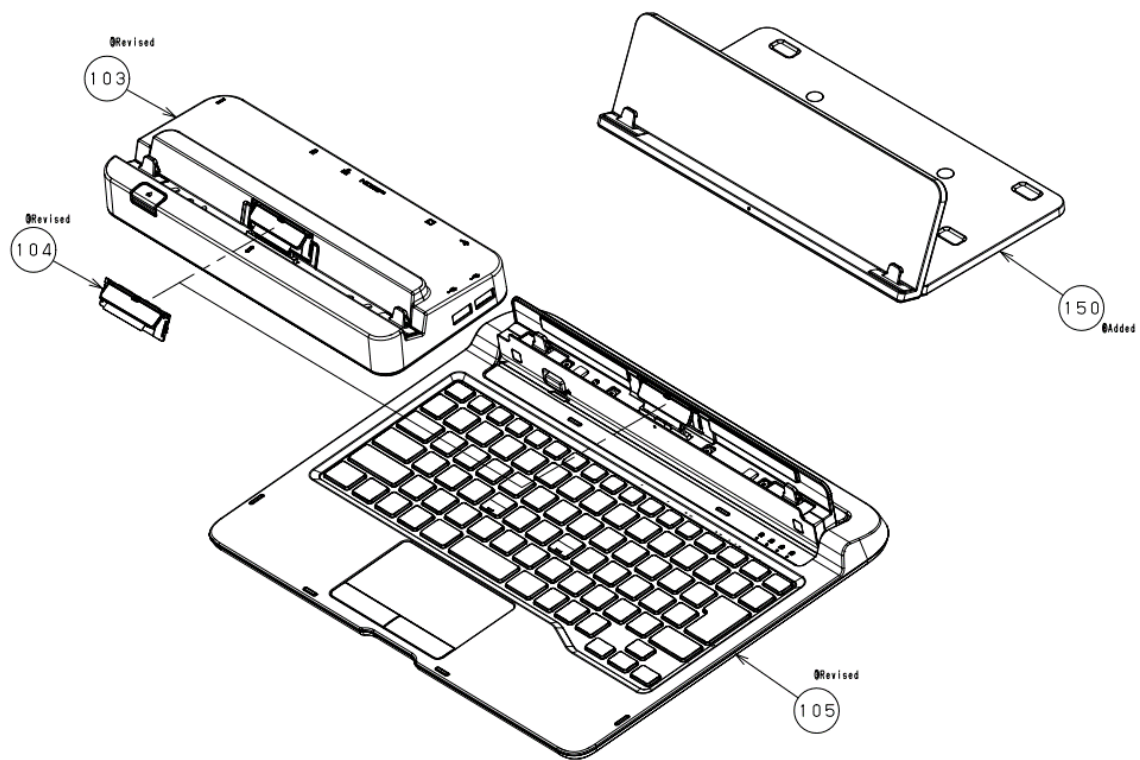












Disposal information for recycling companies

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 Q7312

Materials which must be disposed of in a special manner		
Designation	Remarks	Quantity
Printed circuit boards with a surface area greater than 10 cm ²	Mainboard AC adapter LCD SSD Depending on system configuration: Wireless Cradle Slim Keyboard	1 1 1 1 1 1
Batteries	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	1 1
Components containing mercury	Not contained	
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	> 100cm ² 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 - Plastics parts weighing less than 25 grams may or may not contain brominated flame retardants. These smaller plastics parts may be found 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		

