



HP Slate⁷ Extreme Tablet

Maintenance and Service Guide

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Product notice

This guide describes features that are common to most models. Some features may not be available on your tablet.

Software terms

By installing, copying, downloading, or otherwise using any software product preinstalled on this tablet, you agree to be bound by the terms of the HP End User License Agreement (EULA). If you do not accept these license terms, your sole remedy is to return the entire unused product (hardware and software) within 14 days for a refund subject to the refund policy of your place of purchase.

For any further information or to request a full refund of the tablet, please contact your local point of sale (the seller).

Safety warning notice

⚠ WARNING! To reduce the possibility of heat-related injuries or of overheating the device, do not place the device directly on your lap or obstruct the device air vents. Use the device only on a hard, flat surface. Do not allow another hard surface, such as an adjoining optional printer, or a soft surface, such as pillows or rugs or clothing, to block airflow. Also, do not allow the AC adapter to contact the skin or a soft surface, such as pillows or rugs or clothing, during operation. The device and the AC adapter comply with the user-accessible surface temperature limits defined by the International Standard for Safety of Information Technology Equipment (IEC 60950).

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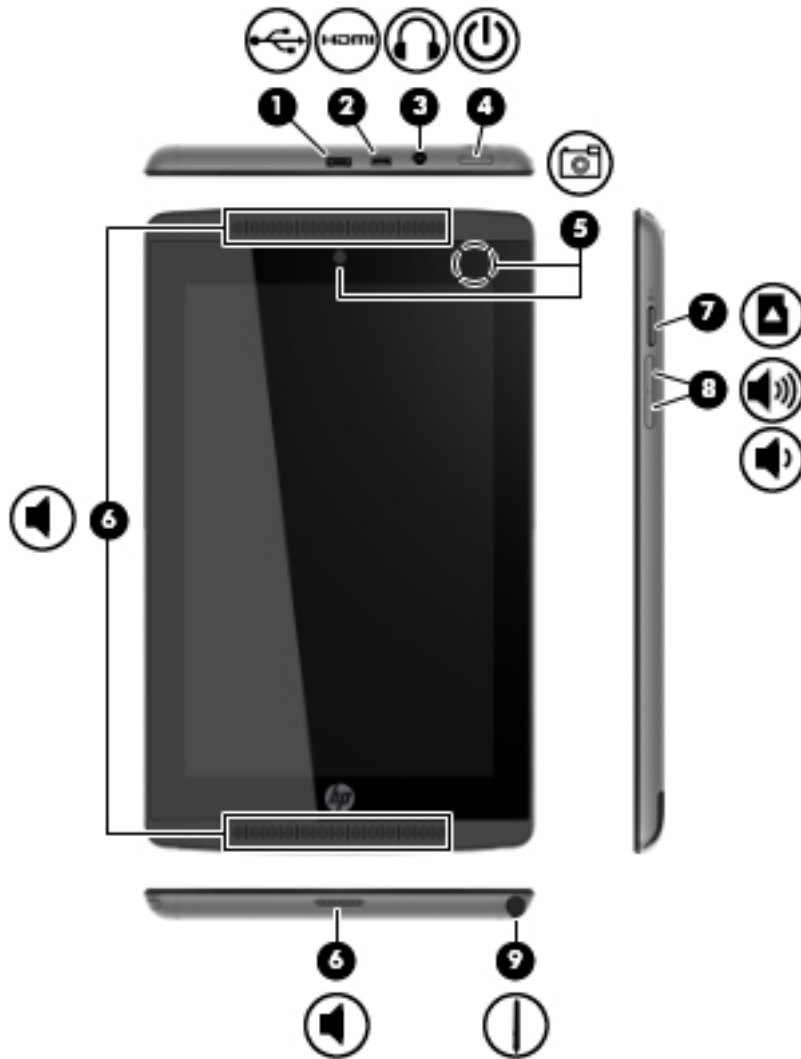
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1 Product description

Category	Description
Product Name	HP Slate7 Extreme Tablet
Processor	NVIDIA® Tegra® 4 quad core A15 1.80-GHz processor
Panel	7.0-in, high-definition (HD), liquid crystal display (LCD) with light-emitting display (LED) backlight (1280×800), high-speed, 10-point capacitive DirectTouch TouchScreen display panel, 2.0-mm tip, passive stylus included
Graphics	NVIDIA graphics
Memory	Supports 1.0-GB DDR3L-1600-MHz, 12.8-GB/second system memory
Mass storage	Supports a 16.0-GB eMMC solid-state drive
Audio and video	Beats Audio One microphone Front-facing stereo speakers with unique bass reflex port and Tegra StudioNote audio processing 5.0-MP auto-focus, instant HDR, rear-facing webcamera VGA front-facing webcamera
Sensor	9-axis (gyro, accelerometer, compass) Ambient light sensor for backlight control GPS/GLONASS Proximity
Wireless networking	Integrated wireless option: 802.11b/g/n with one antenna Bluetooth: 4.0 EDR
External expansion	Integrated micro SD Card Reader expandable to 64-GB
Ports	<ul style="list-style-type: none">• Audio: headphone/microphone combo jack• Micro SD Card Reader• Micro USB
Power requirements	Support for 4100-mAhr, Li-ion battery, USB charging (non-removable) Support for 5V 2A AC adapter with DC plug and localized cable plug support

Category	Description
Operating system	Preinstalled: Android 4.2.2
Serviceability	End user replaceable part: AC adapter

2 External component identification



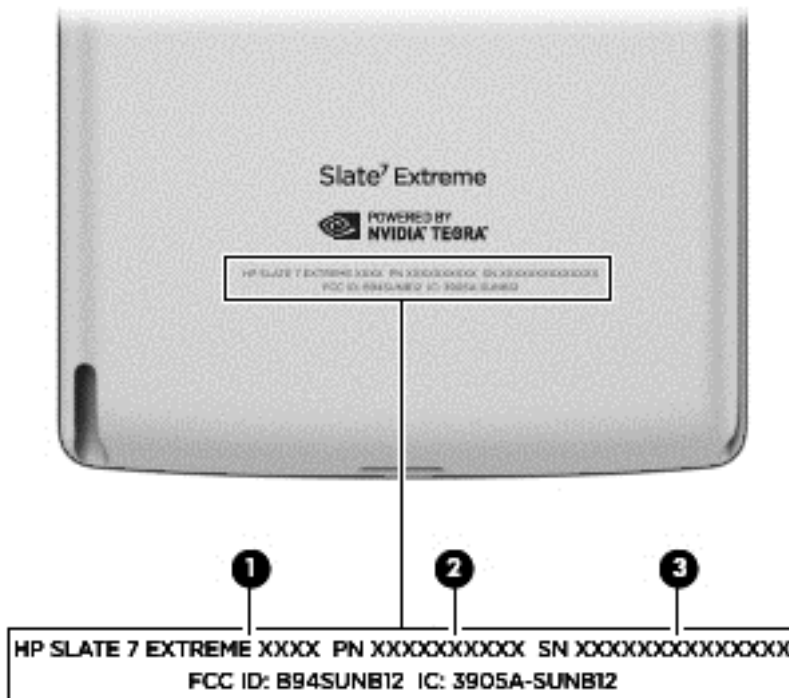
Item	Component	Item	Component
(1)	Micro USB 2.0 port	(6)	Speakers
(2)	Micro HDMI port	(7)	Micro SD Card Reader slot
(3)	Audio-out (headphone)/Audio-in (microphone) jack	(8)	Volume control buttons (2)

Item	Component	Item	Component
(4)	Power button	(9)	Pen holder
(5)	Front-facing webcam		

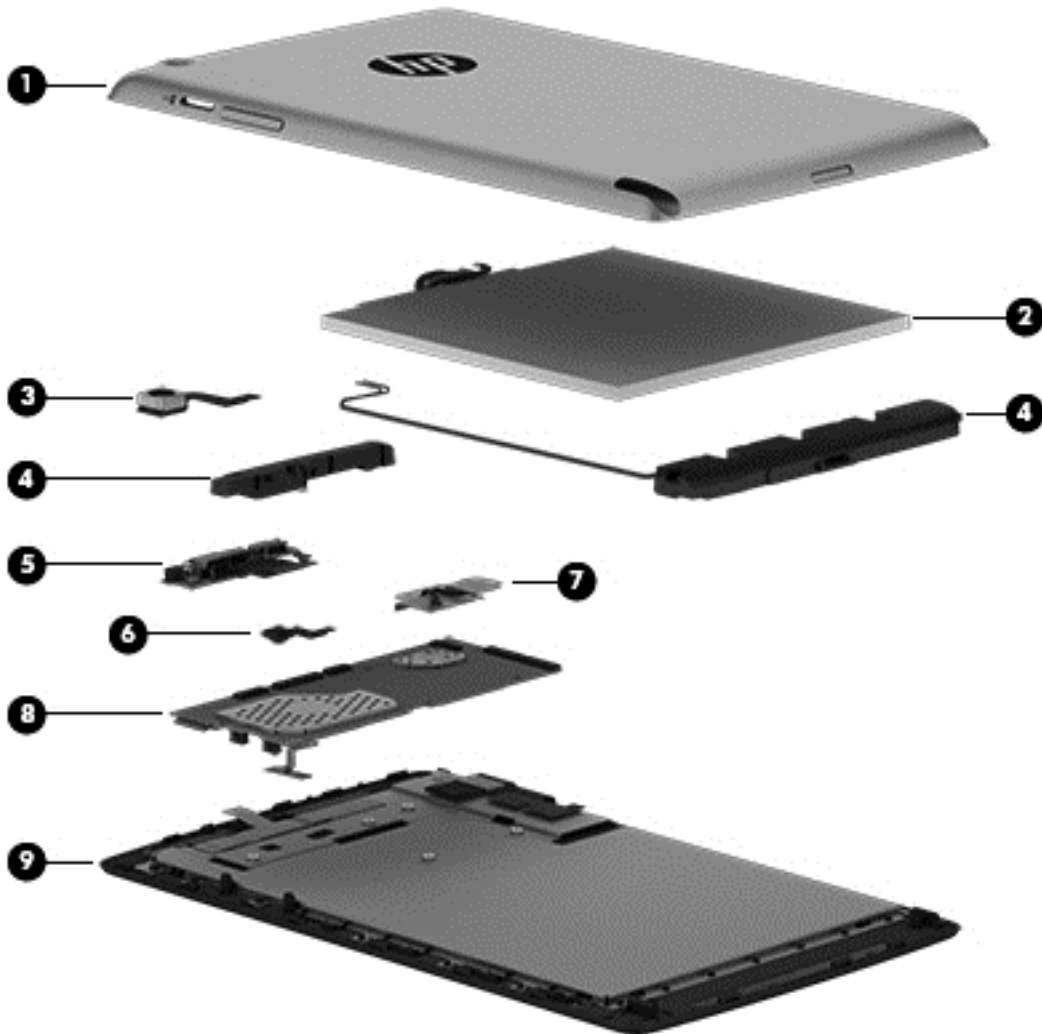
3 Illustrated parts catalog

Locating the serial number, product number, and model number

The serial number and product number of your tablet are located on the left edge of the tablet. The model number of your tablet is located on the back of your tablet. You may need the information when you travel internationally or when you contact support.



Tablet major components



Item	Component	Spare part number
(1)	Back cover (includes six magnets attached with double-sided adhesive)	743202-001
(2)	Battery , 4100-mAh, USB-charging (includes cable)	743203-001
(3)	Rear-facing webcam (includes cable)	743885-001
(4)	Speaker Kit (includes left and right speakers and cables)	745161-001
(5)	I/O board	745165-001
	I/O Hardware Kit (not illustrated, includes I/O board bracket, grounding pad, and shield tape)	745164-001
(6)	Front-facing webcam	743884-001
(7)	Antenna board (includes WLAN and GPS antenna cables and transceiver)	745162-001

Item	Component	Spare part number
(8)	System board equipped with graphics subsystem with UMA memory and 16-GB eMMC hard drive (includes microphone and sensor board)	743207-001
(9)	7.0-in, HD, LED, TouchScreen, display panel assembly (includes display panel cable and TouchScreen cable)	743205-001

Miscellaneous parts

Component	Spare part number
5V 2A AC adapter:	
For use only in Argentina	751546-001
For use only in Australia	747662-001
For use only in Europe	747654-001
For use only in India	751547-001
For use only in North America	743201-001
For use only in the People's Republic of China	747664-001
For use only in South Korea	747663-001
For use only in the United Kingdom	747655-001
Digitizer pen	745159-001
HP Slate7 Extreme equipped with graphics subsystem with UMA memory and 16-GB eMMC hard drive	743886-001
HP Slate7 Extreme Advanced Cover	745160-001
Screw Kit	743206-001
USB extension cable	743204-001

Sequential part number listing

Spare part number	Description
743201-001	5V 2A AC adapter for use only in North America
743202-001	Back cover (includes six magnets attached with double-sided adhesive)
743203-001	Battery, 4100-mAh, USB-charging (includes cable)
743204-001	USB extension cable
743205-001	7.0-in, HD, LED, TouchScreen, display panel assembly
743206-001	Screw Kit

Spare part number	Description
743207-001	System board equipped with graphics subsystem with UMA memory and 16-GB eMMC hard drive (includes microphone and sensor board)
743884-001	Front-facing webcam (includes cable)
743885-001	Rear-facing webcam (includes cable)
743886-001	HP Slate7 Extreme equipped with graphics subsystem with UMA memory and 16-GB eMMC hard drive
745159-001	Digitizer pen
745160-001	HP Slate7 Extreme Advanced Cover
745161-001	Speaker Kit (includes left and right speakers and cables)
745162-001	Antenna board (includes WLAN and GPS antenna cables and transceiver)
745164-001	I/O Hardware Kit (includes I/O board bracket, grounding pad, and shield tape)
745165-001	I/O board
747654-001	5V 2A AC adapter for use only in Europe
747655-001	5V 2A AC adapter for use only in United Kingdom
747662-001	5V 2A AC adapter for use only in Australia
747663-001	5V 2A AC adapter for use only in South Korea
747664-001	5V 2A AC adapter for use only in the People's Republic of China
751546-001	5V 2A AC adapter for use only in Argentina
751547-001	5V 2A AC adapter for use only in India

4 Removal and replacement preliminary requirements


Tools required

You will need the following tools to complete the removal and replacement procedures:


- Magnetic screw driver
- Phillips PO screw driver
- Plastic case utility tool

Service considerations


The following sections include some of the considerations that you must keep in mind during disassembly and assembly procedures.

 **NOTE:** As you remove each subassembly from the tablet, place the subassembly (and all accompanying screws) away from the work area to prevent damage.

Plastic parts

 **CAUTION:** Using excessive force during disassembly and reassembly can damage plastic parts. Use care when handling the plastic parts. Apply pressure only at the points designated in the maintenance instructions.

Cables and connectors

 **CAUTION:** When servicing the tablet, be sure that cables are placed in their proper locations during the reassembly process. Improper cable placement can damage the tablet.

Cables must be handled with extreme care to avoid damage. Apply only the tension required to unseat or seat the cables during removal and insertion. Handle cables by the connector whenever possible. In all cases, avoid bending, twisting, or tearing cables. Be sure that cables are routed in such a way that they cannot be caught or snagged by parts being removed or replaced. Handle flex cables with extreme care; these cables tear easily.

Grounding guidelines

Electrostatic discharge damage

Electronic components are sensitive to electrostatic discharge (ESD). Circuitry design and structure determine the degree of sensitivity. Networks built into many integrated circuits provide some protection, but in many cases, ESD contains enough power to alter device parameters or melt silicon junctions.

A discharge of static electricity from a finger or other conductor can destroy static-sensitive devices or microcircuitry. Even if the spark is neither felt nor heard, damage may have occurred.

An electronic device exposed to ESD may not be affected at all and can work perfectly throughout a normal cycle. Or the device may function normally for a while, then degrade in the internal layers, reducing its life expectancy.

⚠ CAUTION: To prevent damage to the tablet when you are removing or installing internal components, observe these precautions:

Keep components in their electrostatic-safe containers until you are ready to install them.

Before touching an electronic component, discharge static electricity by using the guidelines described in this section.

Avoid touching pins, leads, and circuitry. Handle electronic components as little as possible.

If you remove a component, place it in an electrostatic-safe container.

The following table shows how humidity affects the electrostatic voltage levels generated by different activities.

⚠ CAUTION: A product can be degraded by as little as 700 V.

Typical electrostatic voltage levels			
Event	Relative humidity		
	10%	40%	55%
Walking across carpet	35,000 V	15,000 V	7,500 V
Walking across vinyl floor	12,000 V	5,000 V	3,000 V
Motions of bench worker	6,000 V	800 V	400 V
Removing DIPS from plastic tube	2,000 V	700 V	400 V
Removing DIPS from vinyl tray	11,500 V	4,000 V	2,000 V
Removing DIPS from Styrofoam	14,500 V	5,000 V	3,500 V
Removing bubble pack from PCB	26,500 V	20,000 V	7,000 V
Packing PCBs in foam-lined box	21,000 V	11,000 V	5,000 V

Packaging and transporting guidelines

Follow these grounding guidelines when packaging and transporting equipment:

- To avoid hand contact, transport products in static-safe tubes, bags, or boxes.
- Protect ESD-sensitive parts and assemblies with conductive or approved containers or packaging.
- Keep ESD-sensitive parts in their containers until the parts arrive at static-free workstations.
- Place items on a grounded surface before removing items from their containers.
- Always be properly grounded when touching a component or assembly.
- Store reusable ESD-sensitive parts from assemblies in protective packaging or nonconductive foam.
- Use transporters and conveyors made of antistatic belts and roller bushings. Be sure that mechanized equipment used for moving materials is wired to ground and that proper materials are selected to avoid static charging. When grounding is not possible, use an ionizer to dissipate electric charges.

Workstation guidelines

Follow these grounding workstation guidelines:

- Cover the workstation with approved static-shielding material.
- Use a wrist strap connected to a properly grounded work surface and use properly grounded tools and equipment.
- Use conductive field service tools, such as cutters, screw drivers, and vacuums.
- When fixtures must directly contact dissipative surfaces, use fixtures made only of static-safe materials.
- Keep the work area free of nonconductive materials, such as ordinary plastic assembly aids and Styrofoam.
- Handle ESD-sensitive components, parts, and assemblies by the case or PCM laminate. Handle these items only at static-free workstations.
- Avoid contact with pins, leads, or circuitry.
- Turn off power and input signals before inserting or removing connectors or test equipment.

Equipment guidelines

Grounding equipment must include either a wrist strap or a foot strap at a grounded workstation.

- When seated, wear a wrist strap connected to a grounded system. Wrist straps are flexible straps with a minimum of one megohm $\pm 10\%$ resistance in the ground cords. To provide proper ground, wear a strap snugly against the skin at all times. On grounded mats with banana-plug connectors, use alligator clips to connect a wrist strap.
- When standing, use foot straps and a grounded floor mat. Foot straps (heel, toe, or boot straps) can be used at standing workstations and are compatible with most types of shoes or boots. On conductive floors or dissipative floor mats, use foot straps on both feet with a minimum of one megohm resistance between the operator and ground. To be effective, the conductive must be worn in contact with the skin.

The following grounding equipment is recommended to prevent electrostatic damage:

- Antistatic tape
- Antistatic smocks, aprons, and sleeve protectors
- Conductive bins and other assembly or soldering aids
- Nonconductive foam
- Conductive tabletop workstations with ground cords of one megohm resistance
- Static-dissipative tables or floor mats with hard ties to the ground
- Field service kits
- Static awareness labels
- Material-handling packages
- Nonconductive plastic bags, tubes, or boxes
- Metal tote boxes
- Electrostatic voltage levels and protective materials

The following table lists the shielding protection provided by antistatic bags and floor mats.

Material	Use	Voltage protection level
Antistatic plastics	Bags	1,500 V
Carbon-loaded plastic	Floor mats	7,500 V
Metallized laminate	Floor mats	5,000 V

5 Removal and replacement procedures

Tablet component replacement procedures

⚠ CAUTION: Tablet components described in this chapter should only be accessed by an authorized service provider. Accessing these parts can damage the tablet and void the warranty.

This chapter provides removal and replacement procedures for authorized service provider only parts.

There are as many as 13 screws that must be removed, replaced, and/or loosened when servicing the tablet. Make special note of each screw size and location during removal and replacement.

Back cover

Description	Spare part number
Back cover (includes six magnets attached with double-sided adhesive)	743202-001
7.0-in, HD, LED, TouchScreen, display panel assembly (includes display panel cable and TouchScreen cable)	743205-001

Before disassembling the tablet, follow these steps:

1. Turn off the tablet. If you are unsure whether the tablet is off or in Hibernation, turn the tablet on, and then shut it down through the operating system.
2. Disconnect the power from the tablet by unplugging the power cord from the tablet.
3. Disconnect all external devices from the tablet.

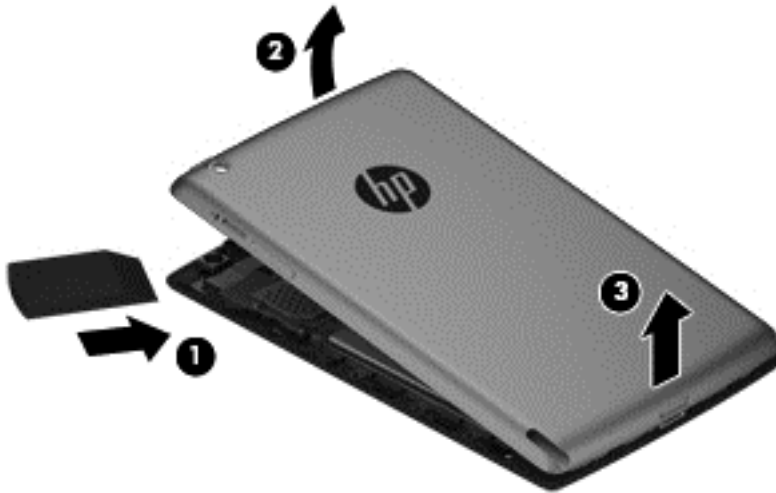
Remove the back cover:

CAUTION: Before turning the display panel assembly upside down, make sure the work surface is clear of tools, screws, and any other foreign objects. Failure to follow this caution can result in damage to the display panel assembly.

1. Place the tablet on a flat surface, display panel side down, with the SD Card slot and volume control buttons toward you.

CAUTION: When inserting the plastic tool into the tablet as described in Step 2, make sure not to insert the tool into the volume control buttons area. Failure to follow this caution can result in damage to the tablet.

2. Insert a thin, plastic tool **(1)** between the back cover and the display panel assembly. The first insertion point should be near the front left corner of the tablet.
3. Lift the top edge of the back cover **(2)** until it separates from the display panel assembly.
4. Remove the back cover **(3)**.



NOTE: When removing the back cover, verify that the six magnets are properly installed in the locations indicated in the following illustration.



Reverse this procedure to install the back cover.

⚠ CAUTION: When installing the back cover, make sure the bottom edge, opposite the power button, is the first edge installed. Failure to follow this caution can result in damage to the tablet.

Battery

Description	Spare part number
Battery, 4100-mAh, USB-charging (includes cable)	743203-001

Before removing the battery, follow these steps:

1. Turn off the tablet. If you are unsure whether the tablet is off or in Hibernation, turn the tablet on, and then shut it down through the operating system.
2. Disconnect the power from the tablet by unplugging the power cord from the tablet.
3. Disconnect all external devices from the tablet.
4. Remove the back cover (see [Back cover on page 13](#)).

⚠ WARNING! To reduce potential safety issues, use only the battery provided with the tablet, a replacement battery provided by HP, or a compatible battery purchased from HP.

⚠ CAUTION: Removing a battery that is the sole power source for the tablet can cause loss of information. To prevent loss of information, save your work or shut down the tablet through Windows before removing the battery.

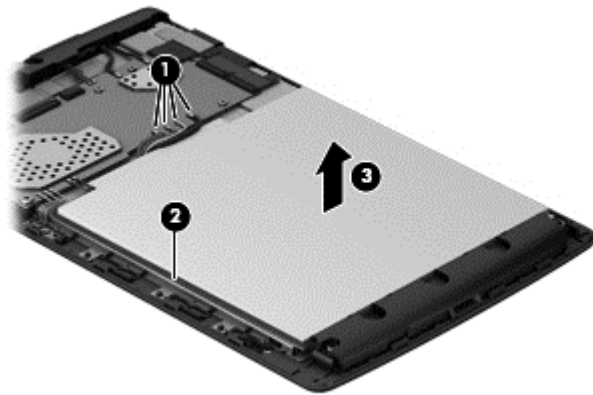
Remove the battery:

1. Unsolder the battery cables **(1)** from the system board.

📝 NOTE: When installing the battery, the battery cables should be resoldered to the system board connectors in the following order:

- Red battery cable solders to system board battery first (top) contact point
 - Green battery cable solders to system board battery second contact point
 - White battery cable solders to system board battery third contact point
 - Black battery cable solders to system board battery fourth (bottom) contact point
2. Release the speaker cable **(2)** from the routing channel built into the battery.

3. Remove the battery **(3)**.



Reverse this procedure to install the battery.

Speakers

Description	Spare part number
Speaker Kit (includes left and right speakers and cables)	745161-001

Before removing the speakers, follow these steps:


1. Turn off the tablet. If you are unsure whether the tablet is off or in Hibernation, turn the tablet on, and then shut it down through the operating system.
2. Disconnect the power from the tablet by unplugging the power cord from the tablet.
3. Disconnect all external devices from the tablet.
4. Remove the back cover (see [Back cover on page 13](#)).
5. Remove the battery (see [Battery on page 15](#)).

Remove the speakers:

1. Remove the shield tape **(1)** that covers the speaker cables.

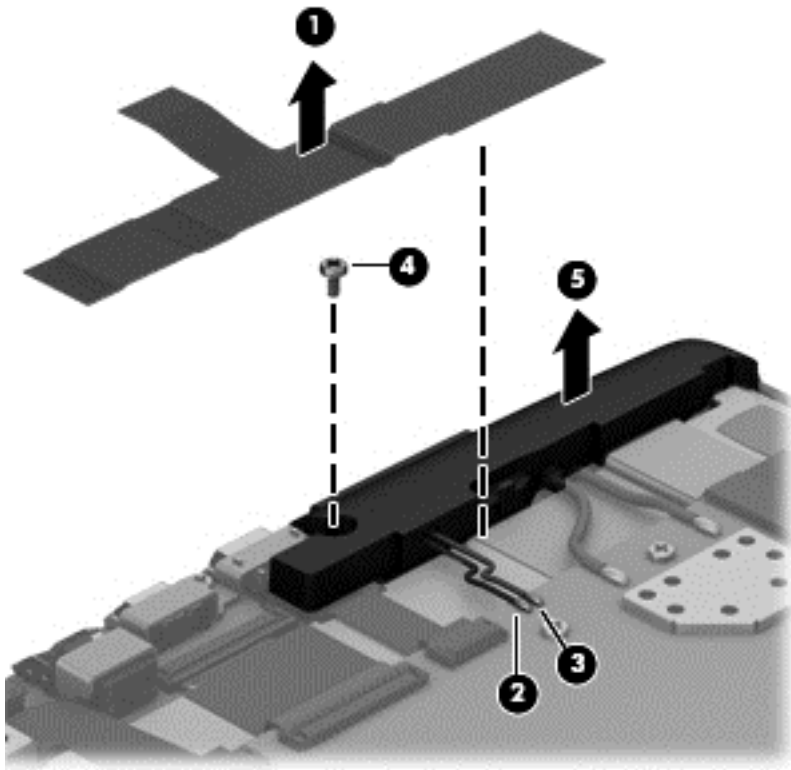
 **NOTE:** The shield tape is included in the I/O Hardware Kit, spare part number 745164-001.

2. Unsolder the red **(2)** and black speaker cables **(3)** from the system board speaker connectors.


 **NOTE:** When installing the left speaker, the red speaker cable should be soldered to the system board speaker “positive” terminal. The black speaker cable should be soldered to the system board speaker “negative” terminal.

3. Remove the Phillips PM1 .25×4.0 screw **(4)** that secures the left speaker to the display panel assembly.


4. Remove the left speaker (5).



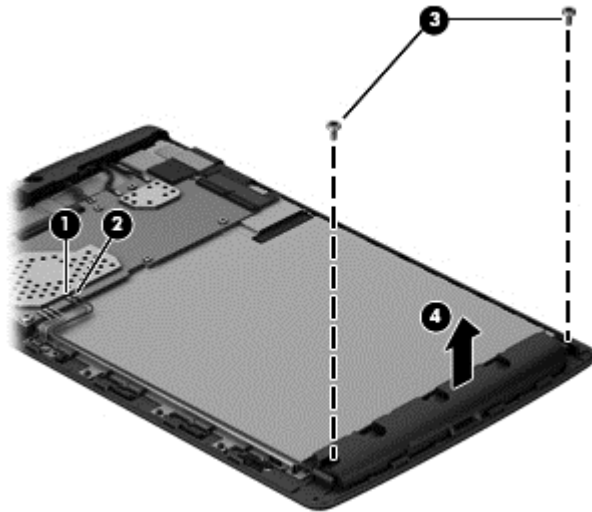
5. Unsolder the red (1) and black speaker cables (2) from the system board speaker connectors.

 **NOTE:** When installing the left speaker, the red speaker cable should be soldered to the system board speaker “positive” terminal. The black speaker cable should be soldered to the system board speaker “negative” terminal.

6. Remove the two Phillips PM1.25×4.0 screws (3) that secure the right speaker to the display panel assembly.

 **NOTE:** The screws that secure the right speaker to the display panel assembly include washers. Make sure these washers are installed when installing the right speaker.

7. Remove the right speaker **(4)**.



Reverse this procedure to install the speakers.

Rear-facing webcam

Description	Spare part number
Rear-facing webcam (includes cable)	743885-001

Before removing the rear-facing webcam, follow these steps:

1. Turn off the tablet. If you are unsure whether the tablet is off or in Hibernation, turn the tablet on, and then shut it down through the operating system.
2. Disconnect the power from the tablet by unplugging the power cord from the tablet.
3. Disconnect all external devices from the tablet.
4. Remove the back cover (see [Back cover on page 13](#)).
5. Remove the battery (see [Battery on page 15](#)).

Remove the rear-facing webcam:

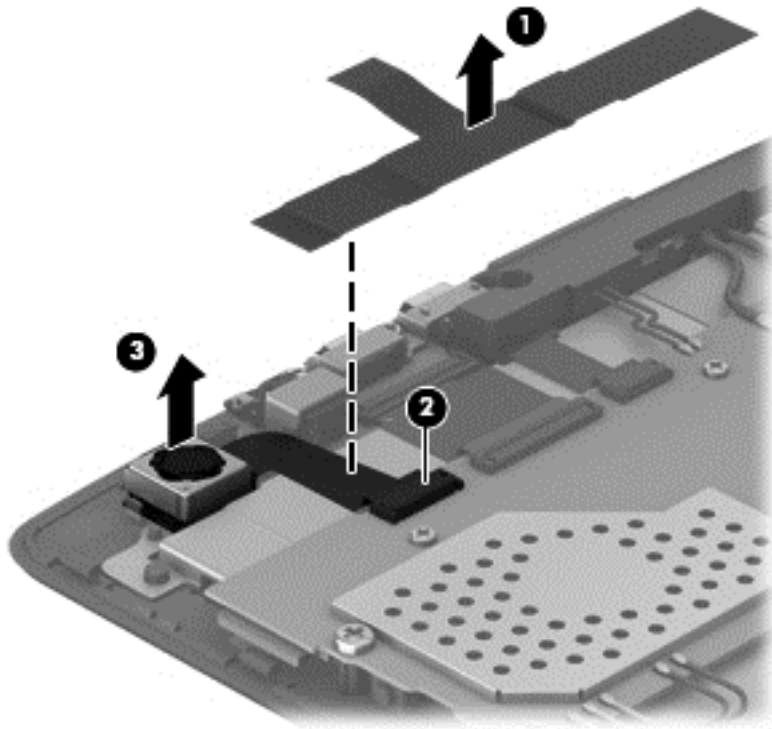
1. Remove the shield tape **(1)** that secures the rear-facing webcam cable to the display panel assembly.



NOTE: The shield tape is included in the I/O Hardware Kit, spare part number 745164-001.

2. Disconnect the rear-facing webcam cable **(2)** from the system board.

3. Detach the rear-facing webcam (2) from the display panel assembly. (The rear-facing webcam is attached to the display panel assembly with double-sided adhesive.)



4. Remove the rear-facing webcam and cable.

Reverse this procedure to install the rear-facing webcam.

I/O board

Description	Spare part number
I/O board	745165-001

Before removing the I/O board, follow these steps:


1. Turn off the tablet. If you are unsure whether the tablet is off or in Hibernation, turn the tablet on, and then shut it down through the operating system.
2. Disconnect the power from the tablet by unplugging the power cord from the tablet.
3. Disconnect all external devices from the tablet.
4. Remove the back cover (see [Back cover on page 13](#)).
5. Remove the battery (see [Battery on page 15](#)).
6. Remove the left speaker (see [Speakers on page 16](#)).

Remove the I/O board:

1. Remove the shield tape **(1)** that secures the I/O board cable to the display panel assembly.

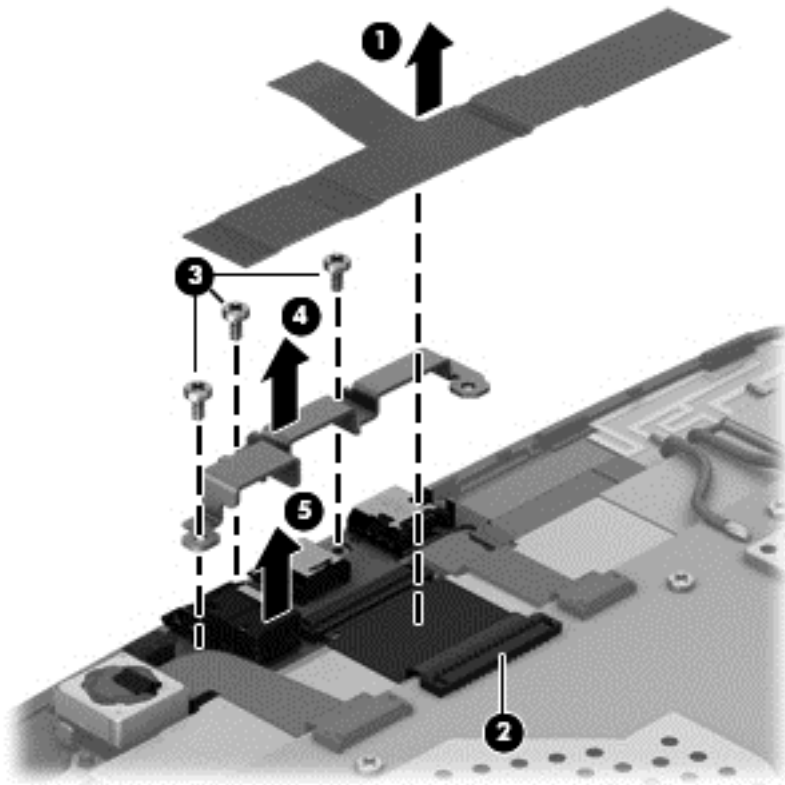
 **NOTE:** The shield tape is included in the I/O Hardware Kit, spare part number 745164-001.

2. Release the zero insertion force (ZIF) connector **(2)** to which the I/O board cable is attached, and then disconnect the I/O board cable from the system board.
3. Remove the three Phillips PM1.25×4.0 screws **(3)** that secure the I/O board bracket and I/O board to the display panel assembly.

 **NOTE:** The screws that secure the I/O board bracket and I/O board to the display panel assembly include washers. Make sure these washers are installed when installing the I/O board bracket and I/O board.

4. Remove the I/O board bracket **(4)**.

5. Remove the I/O board (5).



Reverse this procedure to install the I/O board.

Front-facing webcam

Description	Spare part number
Front-facing webcam (includes cable)	743884-001

Before removing the front-facing webcam, follow these steps:

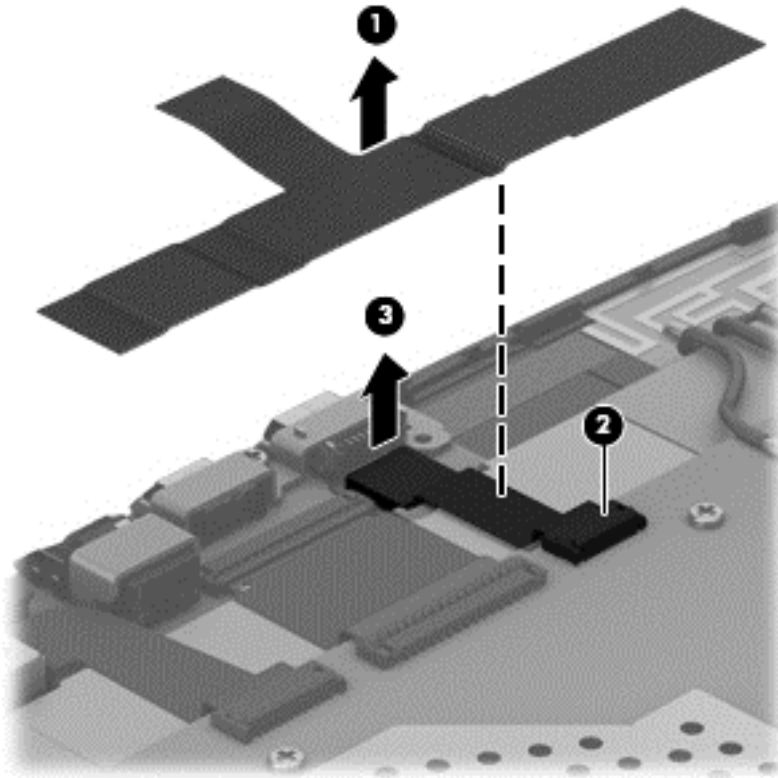
1. Turn off the tablet. If you are unsure whether the tablet is off or in Hibernation, turn the tablet on, and then shut it down through the operating system.
2. Disconnect the power from the tablet by unplugging the power cord from the tablet.
3. Disconnect all external devices from the tablet.
4. Remove the back cover (see [Back cover on page 13](#)).
5. Remove the battery (see [Battery on page 15](#)).
6. Remove the left speaker (see [Speakers on page 16](#)).

Remove the front-facing webcam:

1. Remove the shield tape **(1)** that secures the front-facing webcam cable to the display panel assembly.

 **NOTE:** The shield tape is included in the I/O Hardware Kit, spare part number 745164-001.

2. Disconnect the front-facing webcam cable **(2)** from the system board.
3. Detach the front-facing webcam **(3)** from the display panel assembly. (The front-facing webcam is attached to the display panel assembly with double-sided adhesive.)



4. Remove the front-facing webcam and cable.

Reverse this procedure to install the front-facing webcam.

Antenna board

Description	Spare part number
Antenna board (includes WLAN and GPS antenna cables and transceiver)	745162-001

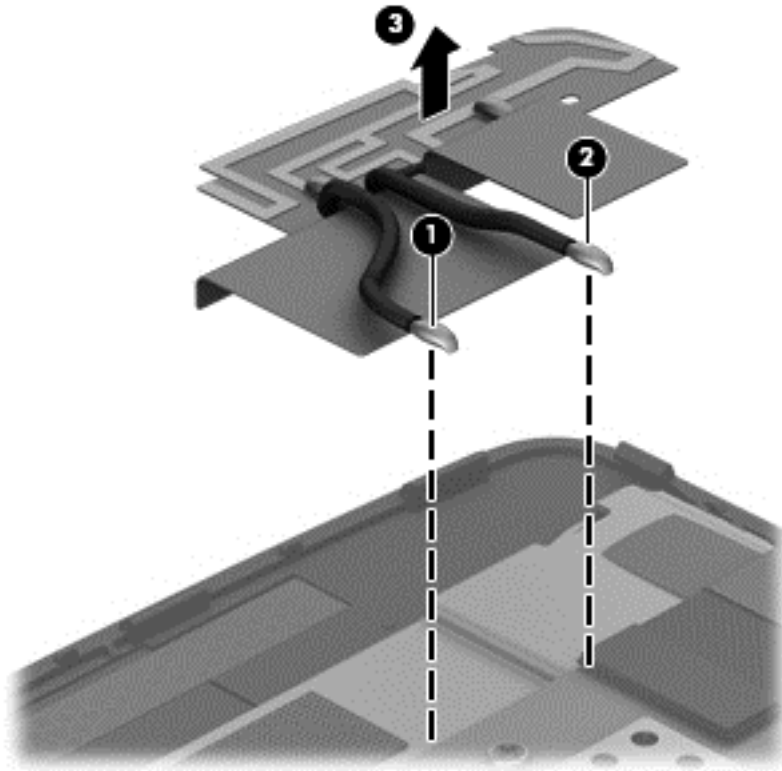
Before removing the antenna board, follow these steps:

1. Turn off the tablet. If you are unsure whether the tablet is off or in Hibernation, turn the tablet on, and then shut it down through the operating system.
2. Disconnect the power from the tablet by unplugging the power cord from the tablet.
3. Disconnect all external devices from the tablet.
4. Remove the back cover (see [Back cover on page 13](#)).
5. Remove the battery (see [Battery on page 15](#)).
6. Remove the left speaker (see [Speakers on page 16](#)).

Remove the antenna board:

1. Unsolder the antenna board cables **(1)** and **(2)** from the system board antenna connectors.

2. Detach the antenna board **(3)** from the display panel assembly. (The antenna board is attached to the display panel assembly with double-sided adhesive.)



3. Remove the antenna board and cables.

Reverse this procedure to install the antenna board.

System board

Description	Spare part number
System board equipped with graphics subsystem with UMA memory and 16-GB eMMC hard drive (includes microphone and sensor board)	743207-001


Before removing the system board, follow these steps:

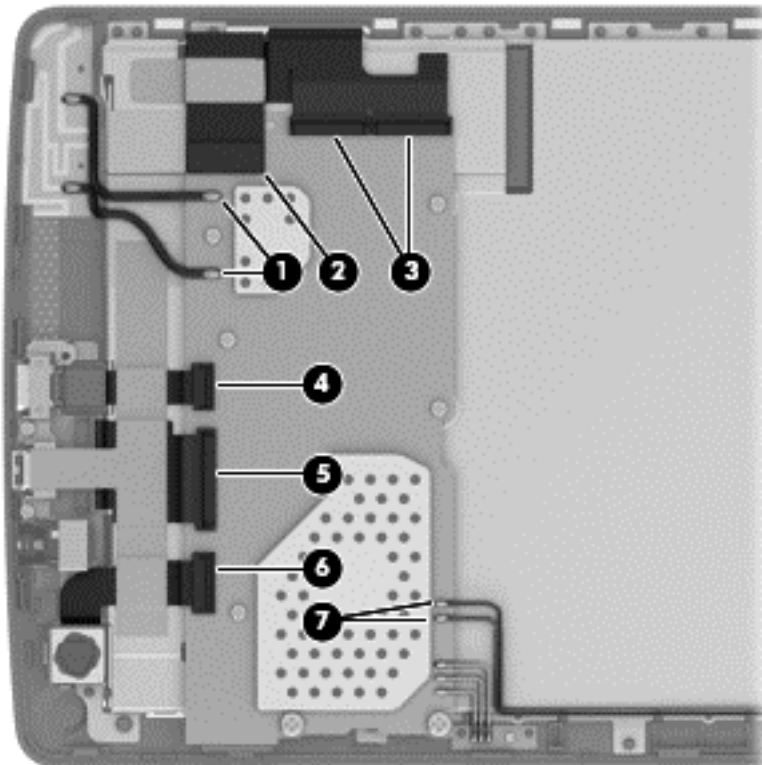
1. Turn off the tablet. If you are unsure whether the tablet is off or in Hibernation, turn the tablet on, and then shut it down through the operating system.
2. Disconnect the power from the tablet by unplugging the power cord from the tablet.
3. Disconnect all external devices from the tablet.
4. Remove the back cover (see [Back cover on page 13](#)).

5. Remove the battery (see [Battery on page 15](#)).
6. Remove the left speaker (see [Speakers on page 16](#)).

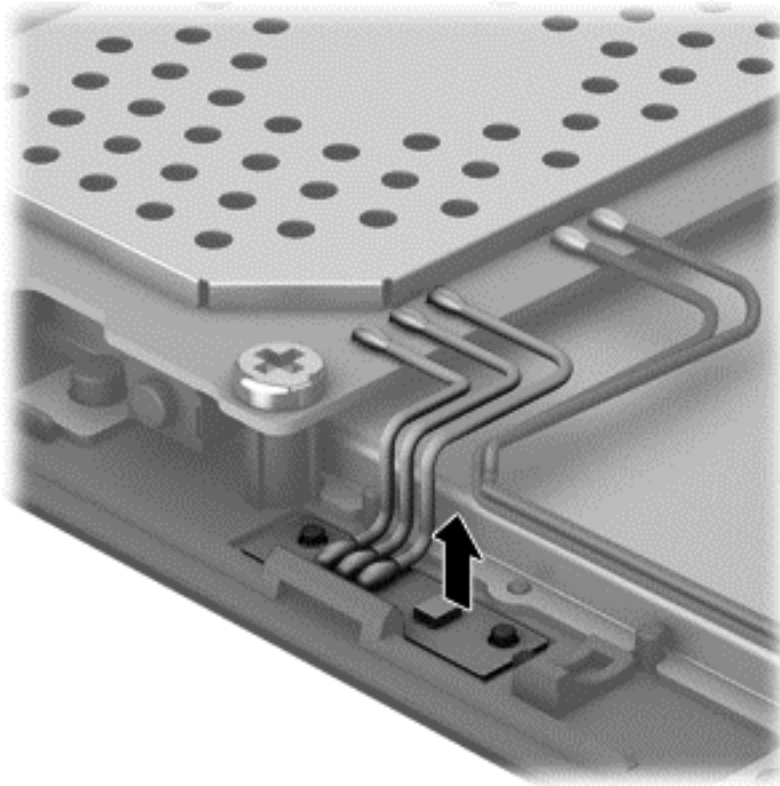
Remove the system board:

1. Disconnect the following cables from the system board:
 - (1) Antenna board cables (must be unsoldered)
 - (2) Display panel cable
 - (3) TouchScreen ZIF connector and cable
 - (4) Front-facing webcam cable
 - (5) I/O board ZIF connector and cable
 - (6) Rear-facing webcam cable
 - (7) Right speaker

 **NOTE:** The right speaker cable must be unsoldered from the system board. When installing the system board, the red speaker cable should be soldered to the system board “positive” terminal. The black speaker cable should be soldered to the system board “negative” terminal.

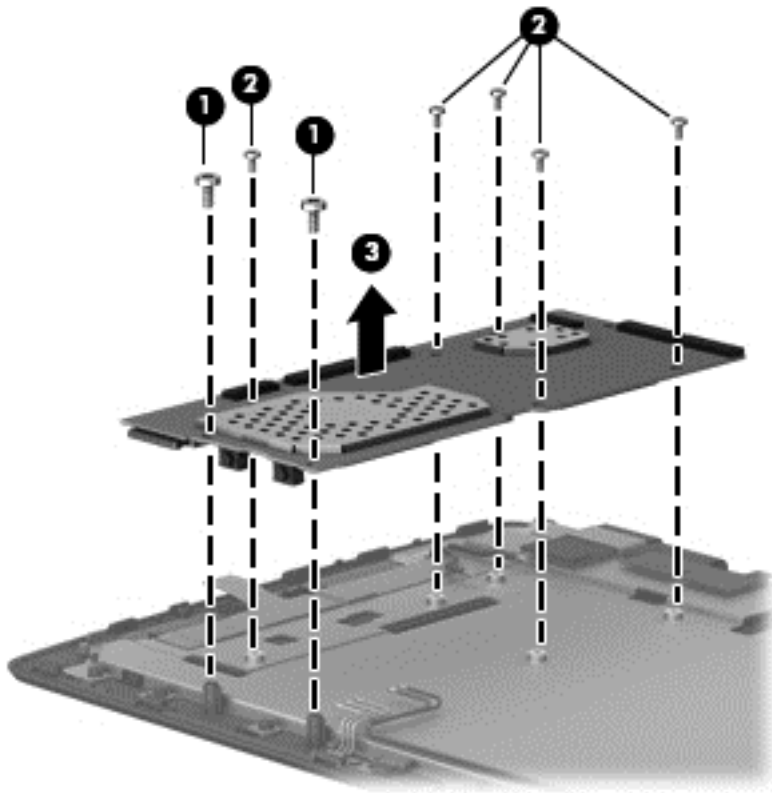


2. Detach the sensor board from the display panel assembly. (The sensor board is attached to the display panel assembly with double-sided adhesive.)



3. Remove the two Phillips PM1.75x5.0 screws **(1)** and the five Phillips PM1.0x5.0 screws **(2)** that secure the system board to the display panel assembly.

4. Remove the system board (3).



Reverse this procedure to install the system board.

6 Specifications

	Metric	U.S.
Dimensions		
Width	20.0 cm	7.9 in
Depth	12.0 cm	4.7 in
Height	0.94 cm	0.37 in
Weight (lowest weight configuration)	0.32 g	0.71 lb
Input power		
The tablet operates on DC power, which can be supplied by an AC or a DC power source. The AC power source must be rated at 100–240 V, 50/60 Hz.		
NOTE: The tablet can operate on DC power using an industry-standard micro-A or micro-B USB cable. The HP 5V 2A adapter included with your tablet is recommended for charging the tablet.		
Temperature		
Operating	5°C to 35°C	41°F to 95°F
Nonoperating	-20°C to 60°C	-4°F to 140°F
Relative humidity (non-condensing)		
Operating	10% to 90%	
Nonoperating	5% to 95%	
Maximum altitude (unpressurized)		
Operating	-15 m to 3,048 m	-50 ft to 10,000 ft
Nonoperating	-15 m to 12,192 m	-50 ft to 40,000 ft
NOTE: Applicable product safety standards specify thermal limits for plastic surfaces. The device operates well within this range of temperatures.		

7 Backing up and recovering your data

Updating apps, widgets, and the operating system

HP recommends that you update your apps, widgets, and the operating system on a regular basis to the latest versions. Updates can resolve issues and bring new features and options to your tablet. Technology is always changing, and updating apps, widgets, and the operating system allows your tablet to run the latest technology available. For example, older apps and widgets might not work well with the most recent operating system.

Go to the Google Play store to download the latest versions of HP and third-party apps and widgets. The operating system will download system updates automatically and notify you when it is ready to install these updates. If you want to update the operating system manually, go to <http://www.hp.com/support>.

Back up and reset

You can set preferences for backing up and restoring your data in case of loss.

1. To access Settings, touch the **All apps** icon, and then touch **Settings**.
2. Under **PERSONAL**, touch **Back up & reset**.
3. Under **BACKUP & RESTORE**, select one or more of the following:
 - **Back up my data**—Select the check box to enable backing up app data, Wi-Fi passwords, and other settings to Google servers.
 - **Backup account**—Select a Google account for backing up data.
 - **Automatic restore**—Select the check box to enable backed up settings and data to be restored when an app is reinstalled.

Factory data reset

To reset all settings and delete all data on the device:

1. To access Settings, touch the **All apps** icon, and then touch **Settings**.
2. Under **PERSONAL**, touch **Back up & reset**.
3. Under **PERSONAL DATA**, select **Factory data reset**, and then follow the on-screen instructions.

8 Power cord set requirements

The wide-range input feature of the tablet permits it to operate from any line voltage from 100 to 120 volts AC, or from 220 to 240 volts AC.

The 3-conductor power cord set included with the tablet meets the requirements for use in the country or region where the equipment is purchased.

Power cord sets for use in other countries and regions must meet the requirements of the country or region where the tablet is used.

Requirements for all countries

The following requirements are applicable to all countries and regions:

- The length of the power cord set must be at least 1.0 m (3.3 ft) and no more than 2.0 m (6.5 ft).
- All power cord sets must be approved by an acceptable accredited agency responsible for evaluation in the country or region where the power cord set will be used.
- The power cord sets must have a minimum current capacity of 10 amps and a nominal voltage rating of 125 or 250 V AC, as required by the power system of each country or region.
- The appliance coupler must meet the mechanical configuration of an EN 60 320/IEC 320 Standard Sheet C13 connector for mating with the appliance inlet on the back of the tablet.

Requirements for specific countries and regions

Country/region	Accredited agency	Applicable note number
Australia	EANSW	1
Austria	OVE	1
Belgium	CEBC	1
Canada	CSA	2
Denmark	DEMKO	1
Finland	FIMKO	1
France	UTE	1

Country/region	Accredited agency	Applicable note number
Germany	VDE	1
Italy	IMQ	1
Japan	METI	3
The Netherlands	KEMA	1
Norway	NEMKO	1
The People's Republic of China	COC	5
South Korea	EK	4
Sweden	CEMKO	1
Switzerland	SEV	1
Taiwan	BSMI	4
The United Kingdom	BSI	1
The United States	UL	2

1. The flexible cord must be Type HO5VV-F, 3-conductor, 1.0-mm² conductor size. Power cord set fittings (appliance coupler and wall plug) must bear the certification mark of the agency responsible for evaluation in the country or region where it will be used.
2. The flexible cord must be Type SPT-3 or equivalent, No. 18 AWG, 3-conductor. The wall plug must be a two-pole grounding type with a NEMA 5-15P (15 A, 125 V) or NEMA 6-15P (15 A, 250 V) configuration.
3. The appliance coupler, flexible cord, and wall plug must bear a "T" mark and registration number in accordance with the Japanese Dentori Law. The flexible cord must be Type VCT or VCTF, 3-conductor, 1.00-mm² conductor size. The wall plug must be a two-pole grounding type with a Japanese Industrial Standard C8303 (7 A, 125 V) configuration.
4. The flexible cord must be Type RVV, 3-conductor, 0.75-mm² conductor size. Power cord set fittings (appliance coupler and wall plug) must bear the certification mark of the agency responsible for evaluation in the country or region where it will be used.
5. The flexible cord must be Type VCTF, 3-conductor, 0.75-mm² conductor size. Power cord set fittings (appliance coupler and wall plug) must bear the certification mark of the agency responsible for evaluation in the country or region where it will be used.

9 Recycling

When a non-rechargeable or rechargeable battery has reached the end of its useful life, do not dispose of the battery in general household waste. Follow the local laws and regulations in your area for battery disposal.

HP encourages customers to recycle used electronic hardware, HP original print cartridges, and rechargeable batteries. For more information about recycling programs, see the HP Web site at <http://www.hp.com/recycle>.

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