



# Maintenance and Service Guide

## E32k G5 model

### **SUMMARY**

This guide provides information about spare parts, removal and replacement of parts, diagnostic tests, problem troubleshooting, and more.

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Assembly part number  
N22897-001 (COMP P/N)  
N22897-002 (COMP P/N w TTS)

## **Product notice**

Only trained service personnel familiar with this product should service it. Before performing any maintenance or service, be sure to read "Important Safety Information".

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# 1 Getting started

Read this chapter to learn about safety information and where to find additional HP resources.

## Important safety information

Carefully read the cautions and notes within this document to minimize the risk of personal injury to service personnel. The cautions and notes are not exhaustive. Proper service methods are important to the safe, reliable operation of equipment. Improper service methods can damage equipment.

The service procedures recommended and described in this service manual provide effective methods of performing service operations. Service engineers should have prior repair knowledge and experience as well as appropriate training for the product before performing service procedures.

- Be sure your working environment is dry and clean and meets all government safety requirements.
- Be sure that other persons are safe while you are servicing the product.
- Do not perform any action that can cause a hazard to the customer or make the product unsafe.
- Use proper safety devices to ensure your personal safety.
- Always use approved tools and test equipment for servicing.
- Never assume the product's power is disconnected from the main power supply. Check that it is disconnected before opening the product's cabinet.
- Modules containing electrical components are sensitive to electrostatic discharge (ESD). Follow ESD safety procedures while handling these parts.
- Some products contain more than one battery. Do not disassemble or expose a battery to high temperatures, such as throwing into fire, or the battery may explode.
- Refer to government requirements for battery recycling or disposal.

This information provides general service information for the monitor. Adherence to the procedures and precautions is essential for proper service.

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**IMPORTANT:** Only trained service personnel who are familiar with this HP product should perform service or maintenance for it. Before performing any service or maintenance, personnel must read the important safety information.

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**IMPORTANT:** You must disconnect the power cord from the power source before opening the monitor to prevent component damage.

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# Important service information and precautions

- Repair must be performed by professional service technicians in a repair center. End users should not perform these procedures.
- Please note during servicing that the primary side is the high voltage area.
- This monitor meets ROHS requirements. Be sure to use lead-free solder wire when soldering.
- If you must change a capacitor, be sure to match the polarity as printed on the PCB.
- If you must replace a capacitor, make sure the specification and part number match the BOM and location.
- If you must replace a capacitor, insert new parts carefully to avoid a short circuit caused by the near pin.
- Do not get the board wet. Water and moisture can cause a short circuit that causes malfunctions.
- To avoid damage, be sure to use lead-free solder.
- When soldering, work quickly to avoid overheating the circuit board.
- Keep the soldering iron tip clean and well tinned when replacing parts.
- After repair, perform a close inspection of the circuit board to confirm it is in good condition.
- After repair, perform a function test to confirm the power supply is working properly.

## **ERP Lot5 requirement**

1. A professional repairer must have the technical competence to repair electronic displays and comply with the applicable regulations for repairers of electrical equipment in the Member States where the repairer operates. Reference to an official registration system as professional repairer, where such a system exists in the Member States, shall be accepted as proof of compliance.

2. A professional repairer must have insurance that covers liabilities resulting from repairs, regardless of whether required by the Member State.

# RoHS (2002/95/EC) requirements

## **Applied to all countries that require RoHS.**

The RoHS (Restriction of Hazardous Substance in Electrical and Electronic Equipment Directive) is a legal requirement by the EU (European Union) for the global electronics industry sold in the EU and other countries. Any electrical and electronics products launched in the market after June 2006 should meet this RoHS requirement. Products launched in the market before June 2006 are not required to be compliant with RoHS parts. If the original parts are not RoHS compliant, the replacement parts can be non-ROHS compliant. If the original parts are RoHS compliant, the replacement parts MUST be RoHS compliant.

If product service or maintenance requires replacing parts, confirm the RoHS requirement before replacement.

## General descriptions

This manual contains general information. There are two levels of service:

Level 1: Cosmetic/appearance/alignment service

Level 2: Circuit board or standard parts replacement

## Firmware updates

Firmware updates for the monitor are available at [support.hp.com](https://support.hp.com). If no firmware is posted, the monitor does not need a firmware update.

## Before returning the repaired product to the customer

Perform an AC leakage current check on exposed metallic parts to be sure the product is safe to operate without the potential of electrical shock. Do not use a line isolation transformer during this check.

Measurements that are not within specified limits present a possible shock hazard. You must check and repair the product before returning it to the customer.

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## 2 Monitor features

This chapter provides an overview of the monitor's features.

### Features

Depending on the model, your monitor might include the following features:

- 80.01 cm (31.5 inch) diagonal viewable area with 3840 × 2160 resolution, plus full screen support for lower resolutions
- USB Type-C port for docking an HP notebook or HP desktop mini
- Single power button on the monitor to turn the monitor and docked notebook on and off
- One High-Definition Multimedia Interface (HDMI) 2.0 video input
- RJ-45 (network) jack
- Non-glare panel with an LED backlight
- Wide viewing angle to allow viewing from a sitting or standing position, or when moving from side to side
- On-screen display (OSD) adjustments in several languages for easy setup and screen optimization
- Plug and Play capability if supported by your operating system
- Tilt, swivel, and height adjustment capabilities
- Pivot capability to rotate the monitor head from landscape to portrait orientation
- Removable stand (optional) for flexible monitor head mounting solutions
- DisplayPort video input
- USB hub with one USB Type-C port and 3 USB Type-A ports that connect to USB devices
- Up to 65 W power delivery through USB Type-C (5 A) cable
- HDCP (High-bandwidth Digital Content Protection) used on all digital inputs
- Power Saver mode to meet requirements for reduced power consumption
- Security cable slot on the rear of the monitor for an optional security cable

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**NOTE:** For safety and regulatory information, refer to the Product Notices provided in your documentation kit. To access the latest user guides or manuals for your product, go to <http://www.hp.com/support> and follow the instructions to find your product. Then select **Manuals**.

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# Front components

To identify the components on the front of the monitor, use this illustration and table.



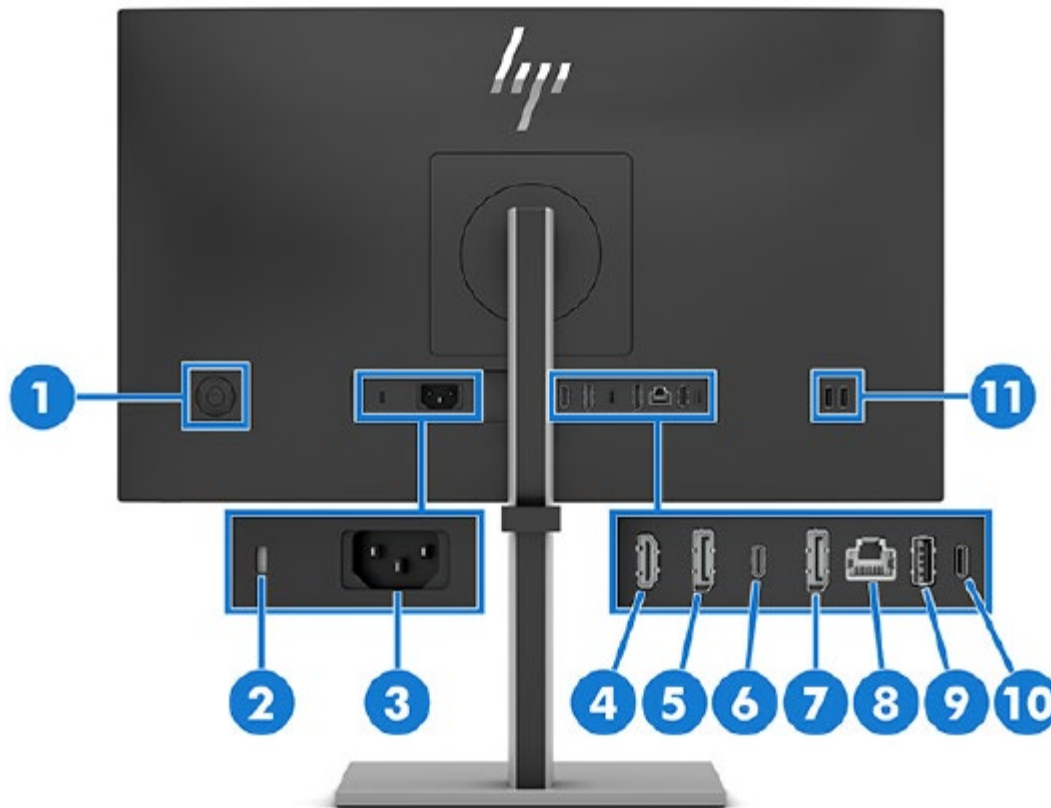
**Table 1-1: Front components and their descriptions**

Component	Description
(1) Ambient light sensor	Adjusts the display brightness according to lighting conditions in the environment.
(2) Power button	Turns the monitor on or off. NOTE: When an HP notebook is connected to the USB Type-C port, pressing the power button on the display turns on/off your notebook, or puts it to sleep based on your power setting.
(3) Power LED	Indicates that the monitor is powered on.



# Rear components

To identify the components on the rear of the monitor, use this illustration and table.



**Table 1-2: Rear components and their descriptions**

Component	Function
(1) Joypad	Press to open the OSD settings.
(2) Security cable slot	Connects an optional security cable.
(3) Power connector	Connects a power cord.
(4) HDMI port	Connects the HDMI cable to a source device such as a computer.
(5) DisplayPort connector	Connects a DisplayPort cable to a source device such as a computer or game console.
(6) USB Type-C port (upstream)	Connects a USB Type-C cable to a source device, such as a computer. This USB Type-C port can function as a DisplayPort audio/video input or as a USB 3.0 connection. The USB Type-C port offers the fastest transfer rate, and the alternate mode with DP1.2 supports the maximum resolution of 1920 x 1080 at 75Hz, and 2560 x 1440 at 75Hz. It can also be used to deliver up

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		to 65 W of power to a device. Power delivery outputs are 20V/3.25A, 15V/4.33A, 12V/5A, 9V/3A, 5V/3A to achieve a 65 W output.
		Connecting a USB Type-C cable from a source device to this port on the monitor enables USB ports on the monitor.

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(7)	RJ-45 (network) jack	<p>Network (RJ-45) data rate via USB Type-C max speed is 1000 Mbps</p> <p>Green (right): The network is connected.</p> <p>Amber (left): Activity is occurring on the network.</p> <p><b>NOTE:</b> Supports Wake on Lan (WOL) In-band, Mac Address Passthrough (MAPT) in-band (HP models only), and PXE boot. The functionality may vary with PC settings.</p> <p><b>NOTE:</b> This network port is fully energy efficient according to IEEE standards (IEEE 802.3az-2010) as long as all connected devices support this feature.</p>
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(8)	USB Type-A port	Connects a USB device to transfer data.
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(9)	USB Type-C port (downstream)	<p>Connects a USB Type-C cable to a peripheral USB device, provides data transfer, even when the monitor is in Sleep mode or DC off with OSD Performance mode on. This port charges most devices (15 W), such as a smart phone or a tablet.</p> <p><b>NOTE:</b> Cables or adapters may be required (purchased separately).</p>
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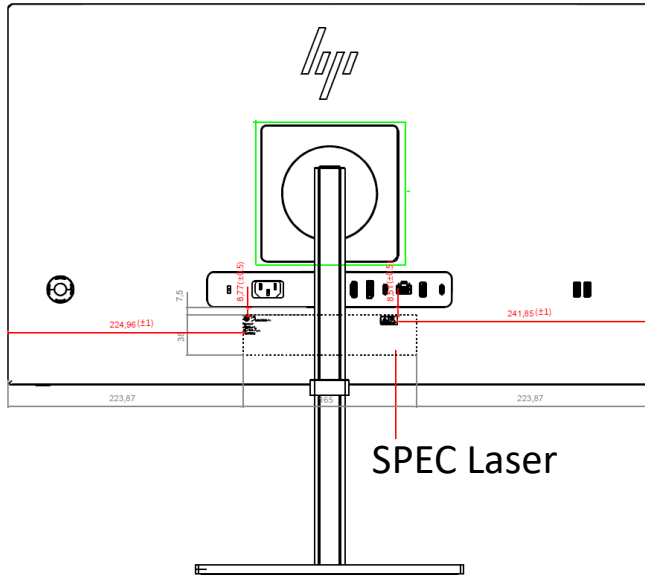
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(10)	USB Type-A port (1), USB Type-A port with battery fast-charging 1.2 (1)	<p>USB port: Connects a USB device, provides data transfer, and (for select products) charges small devices (such as a smartphone) when the computer is on or in Sleep mode.</p> <p>USB port with battery fast-charging 1.2 (5 V × 1.5 A = 7.5 W): Connects a USB device, provides high-speed data transfer, and charges small devices (such as a smartphone), even when the monitor is DC off with OSD performance mode on.</p> <p><b>NOTE:</b> Use a standard USB Type-A charging cable or cable adapter (purchased separately) when charging a small external device.</p>
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# Locating the serial number and product number

The SPEC label (1) and Barcode label (2) are located on the rear of the monitor. The serial number and product number are located on a Safety label. You may need these numbers when contacting HP about the monitor model.



## For worldwide models :

## For MP

**型号: HP E32k G5 4K USB-C Monitor**  
 Regulatory Model No./规定型号/型號/모델명: HSD-0145-Q

名称/名稱: 液晶显示器/液晶顯示器/모니터  
 제조국: 중국/Made in China/中国制造/中國製造  
 Electrical Ratings/电源电压 交流/電壓 電流/정격입력  
 Input Rating: 100-240V~ 2.5A(2.5A) 50/60Hz

IS 13252(Part 1)/IEC 60950-1  
 R-41083240  
 www.bis.gov.in

FC 警告: 使用過度恐傷害視力  
 警告: 使用過度恐傷害視力  
 This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:  
 (1) this device may not cause harmful interference, and  
 (2) this device must accept any interference received, including interference that may cause undesired operation.

Serial No./제품명칭: **221114-11**  
 Product No./제품명칭: **221114-11**  
 Assembly Part No./제품명칭: **221114-11** Rev.: **REV**  
 Spares No./제품명칭: **221114-11** /ASSY Head ASSY  
 Manufactured/製造日期/製造日期  
 제조년월 Month Year

UK CAN ICES-003(B)/NMB-003(B) HP HQTRE, 71025 Boesingen, Germany  
 HP Inc UK Ltd, Regulatory Enquiries, Earley West, 300 Thames Valley Park Drive, Reading, RG6 1PT  
 Laite on liitettävä suojakoskettimilla varustettuun pistorasiaan, Apparätet må tilkoples jordat stikkontakt.  
 Apparätet skall anslutas till jordat uttag.  
 Apparätets stikprop skal tilsluttes en stikkontakt med jord, som giver forbindelse til stikproppens jord.

For Korea Only  
 XU100008-22117  
 R-41083240  
 A/S Number: 1588-3003  
 Manufacturer: Qisda(Suzhou)Co.,Ltd.

TÜV Rheinland  
 www.tuv.com  
 PSE  
 NOM  
 NYCE  
 R3A304 RoHS  
 264 W  
 HP Inc.

Example:  
 January 2022  
 February 2022

## For Service

**型号: HP E32k G5 4K USB-C Monitor**  
 Regulatory Model No./规定型号/型號/모델명: HSD-0145-Q

名称/名稱: 液晶显示器/液晶顯示器/모니터  
 제조국: 중국/Made in China/中国制造/中國製造  
 Electrical Ratings/电源电压 交流/電壓 電流/정격입력  
 Input Rating: 100-240V~ 2.5A(2.5A) 50/60Hz

IS 13252(Part 1)/IEC 60950-1  
 R-41083240  
 www.bis.gov.in

FC 警告: 使用過度恐傷害視力  
 警告: 使用過度恐傷害視力  
 This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:  
 (1) this device may not cause harmful interference, and  
 (2) this device must accept any interference received, including interference that may cause undesired operation.

**Service LBL**  
 (45\*15mm-R2)

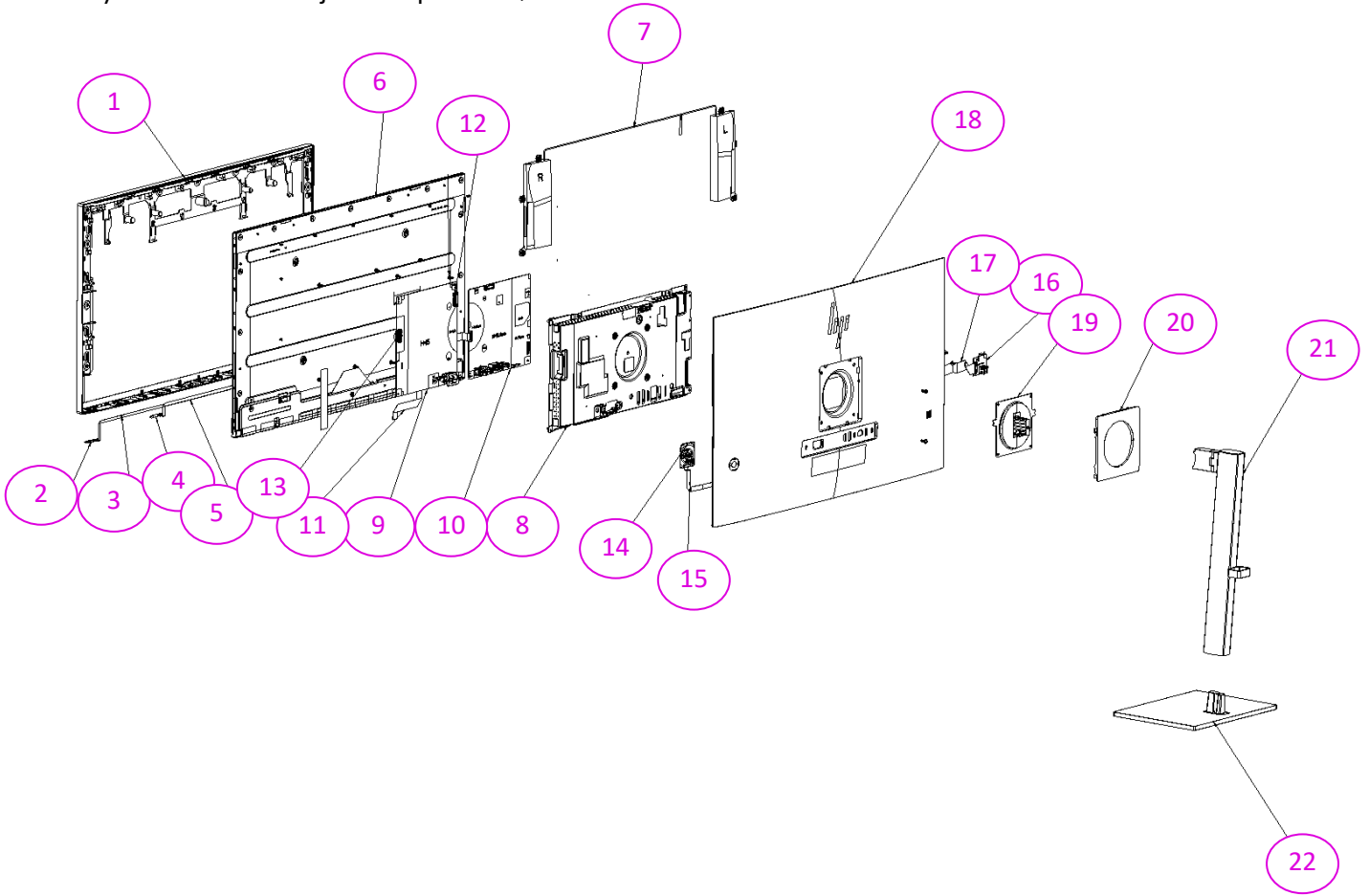
UK CAN ICES-003(B)/NMB-003(B) HP HQTRE, 71025 Boesingen, Germany  
 HP Inc UK Ltd, Regulatory Enquiries, Earley West, 300 Thames Valley Park Drive, Reading, RG6 1PT  
 Laite on liitettävä suojakoskettimilla varustettuun pistorasiaan, Apparätet må tilkoples jordat stikkontakt.  
 Apparätet skall anslutas till jordat uttag.  
 Apparätets stikprop skal tilsluttes en stikkontakt med jord, som giver forbindelse til stikproppens jord.

For Korea Only  
 XU100008-22117  
 R-41083240  
 A/S Number: 1588-3003  
 Manufacturer: Qisda(Suzhou)Co.,Ltd.

TÜV Rheinland  
 www.tuv.com  
 PSE  
 NOM  
 NYCE  
 R3A304 RoHS  
 264 W  
 HP Inc.

# 3 Illustrated parts catalog

To identify the monitor major components, use this illustration and table.



<b>Item</b>	<b>Description</b>	<b>Qty</b>
1	MIDDLE FRAME	1
2	LENS BD	1
3	4P FFC WIRE	1
4	LIGHT SENSOR BD	1
5	5P FFC WIRE	1
6	PANEL	1
7	SPEARK	1
8	MAIN SHD	1
9	POWER BD	1
10	MAIN BD	1
11	EDP FFC WITE	1
12	20/20P WIRE	1
13	6/6 P WIRE	1
14	CONTROL BD	1
15	5P FFC WIRE	1
16	USB BD	
17	USB FFC WIRE	
18	REAR COVER	
19	HINGE	
20	VESA CVR	
21	CLMN	
22	BASE	

# How to order parts

The HP authorized repair center can purchase the power board from HP.

## Power board

Description	HP spare part number	Manufacturer part number
SPS-IPS E32k G5_5E.5S302.001 LGD-Q	N53988-001	5E.5S302.001
SPS-IPS E32k G5_5E.5S302.002 BOE-Q	N53988-002	5E.5S302.002

Capacitors and connectors are available for purchase from the following EU distributors:

- Farnell: [Farnell UK - Electronic Components Distributor](#)
- RS Component: [Capacitors | RS Components \(rs-online.com\)](#)

## Capacitors by distributor

Component description	Location	Component distributor	Distributor part number
#CAP 470U25VRC1330RT5 10*12.5	C711, C712 C713, C714 C715, C716, C717, C801	Farnell RS	25ZLH470MEFC10X12.5

## Connectors by distributor

Component description	Location	Component distributor	Distributor part number
HDMI	J401	Farnell	Molex 47659-1100
DP	J301	Farnell	TE 2041441-1
RJ-45	JH1	Farnell	AMP - TE CONNECTIVITY (2-406549-1).

**NOTE:** The connector may need to be modified to meet functionality, regulatory and safety requirements if it is not an exact match.

You can purchase cables from the HP part store at <https://partsurfer.hp.com/Search.aspx>.

**NOTE:** HP continually improves and changes product parts. For complete and current information about supported parts for your computer, go to <http://partsurfer.com>, select your country or region, and then follow the on-screen instructions.

**Internal and External Power Supplies are available for purchase from the following EU distributor: EET <https://www.eetgroup.com/en-eu/>**

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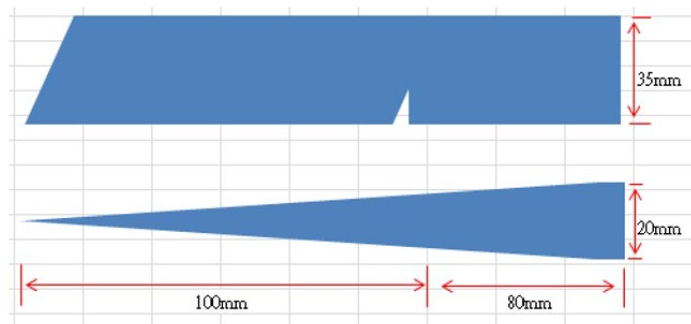
## 4 Removal and replacement procedures

Adherence to these procedures and precautions is essential for proper service.




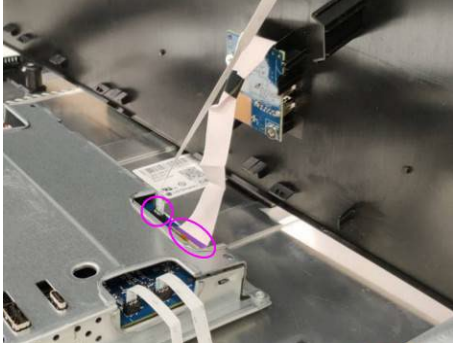
### Preparation for disassembly

Use this information to properly prepare to disassemble and reassemble the monitor.

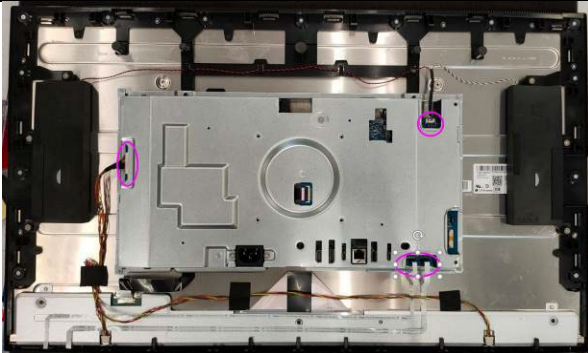

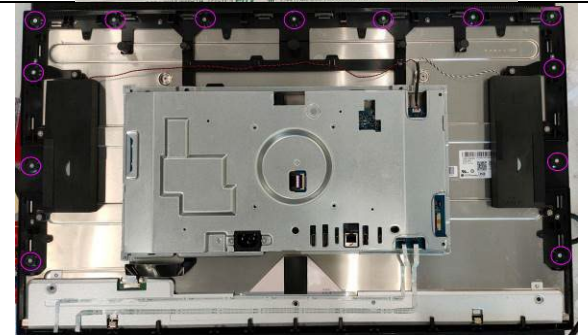
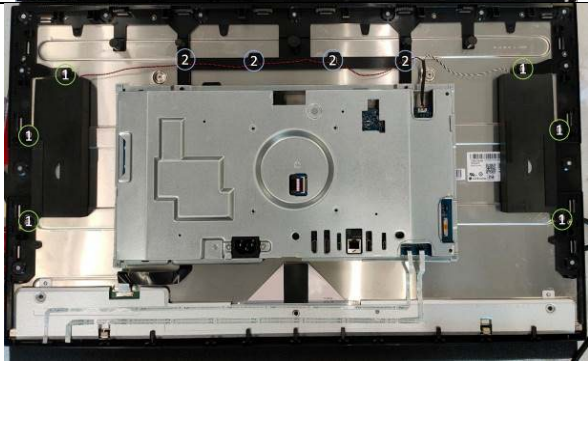
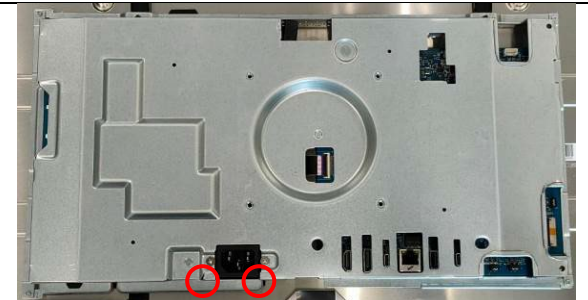
- 1) Read the "Important safety information" and "Important service information and precautions" sections in the "Getting started" chapter of this guide.
- 2) Clean the room for disassembly.
- 3) Identify the disassembly area.
- 4) Check the position that the monitors are to be placed along with the number of monitors. Prepare the area for material flow according to the disassembly layout.
- 5) Be sure to have the following equipment and materials:
  - Press fixture
  - Working table
  - Screwdriver
  - Knife
  - Gloves
  - Cleaning cloth
  - ESD protection
  - Scraper bar in the following dimensions:

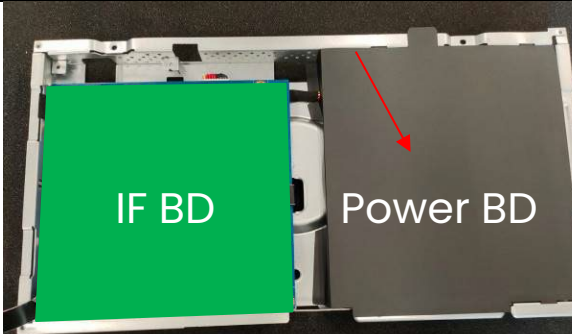
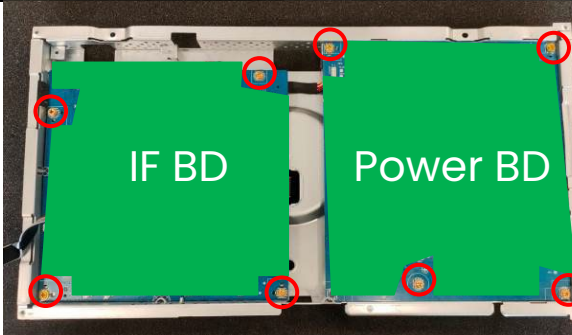
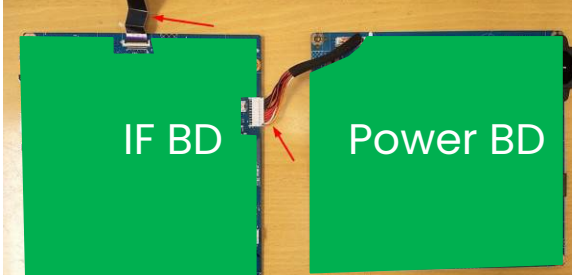


# Rear Cover

No	Picture	Operation	Tool
1		<p>Disassemble stand by pushing release button.</p>	
2		<p>Disassemble VESA COVER from RC.</p>	N/A
3		<ol style="list-style-type: none"> <li>1. Disassemble M4 screw * 4pcs</li> <li>2. Disassemble Hinge and RC</li> <li>3. Disassemble RC and MF</li> </ol>	<p>Screwdriver : TORQUE 9.0±1 (KG-CM)</p>
4		<p>Disassemble RC OSD -BD and USB-BD FFC</p>	



6		<ol style="list-style-type: none"> <li>1. Disconnect PWR-BD wire</li> <li>2. Disconnect SPK wire</li> <li>3. Disconnect PWR Key-BD FFC and ALS-BD FFC</li> <li>4. Tear off adhesive tape on panel light bar wire *3pc</li> </ol>	
7		<ol style="list-style-type: none"> <li>1. Tear off yellow tape</li> <li>2. Disconnect IF-BD EDP</li> <li>3. Disassemble SHD from MF</li> </ol>	
8		<ol style="list-style-type: none"> <li>1. Disassemble M3 screw * 13pcs</li> <li>2. Disassemble MF and Panel</li> </ol>	Screwdriver : TORQUE 4±0.5 (KGF-CM)
9		<ol style="list-style-type: none"> <li>1. Disassemble M3 screw * 6pcs</li> <li>2. Unhook speaker wire from MF</li> <li>3. Disassemble SPK from MF</li> <li>4. Disassemble panel wire from panel</li> <li>5. Disassemble panel from MF</li> </ol>	Screwdriver : TORQUE 3.5±1.0 (KGF-CM)
11		Disassemble M3 screw * 2pc from SHD	Screwdriver : TORQUE 5.0±1.0 (KGF-CM)

12		Disassemble safety Mylar from SHD	
13		<ol style="list-style-type: none"> <li>1. Disassemble M3 screw *8pcs from PWR-BD and IF-BD</li> <li>2. Disassemble PWR-BD and IF-BD from SHD</li> </ol>	Screwdriver : TORQUE 8.5±1.0 (KGF-CM)
14		<ol style="list-style-type: none"> <li>1. Disconnect the EDP from IF-BD</li> <li>2. Disconnect wire on IF-BD</li> </ol>	

# Power board

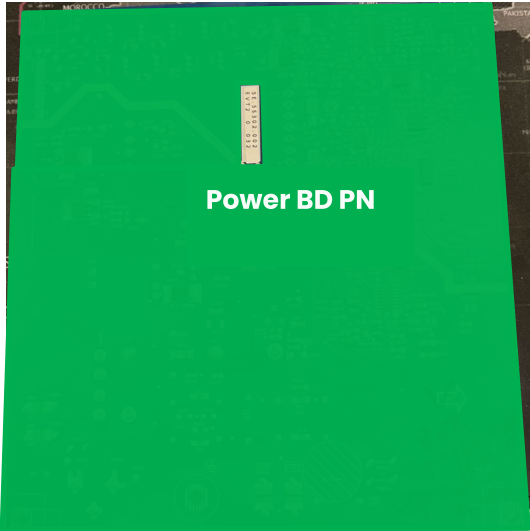
The power board part number is 5E.5S502.00\*

Before removing the power board, follow these steps:

- ▲ Prepare the monitor for disassembly. See Preparation for disassembly on page 12.

Remove the power board:

Locate the part number location on the board.



## **IMPORTANT:**

- **Repairing must operate by professional repairers in HP repair center, not applicable for end user**
- **The primary side is the high voltage area, please take care when repair (Front and Back view)**



**After repaired, must check PSU function is ordinary**

## Power board

**Repair Condition: Capacitor repair is only for the monitor that has been out of warranty period.**

### **IMPORTANT:**

- **Repairing must operate by professional repairers (Note) in repair center, not applicable for end user**
- **The primary side is the high voltage area, please take care when repair (Front and Back view)**



- **Electrostatic protection is required when component replacement is required.**
- **The monitor meets ROHS, please use Lead-free solder wire for soldering.**
- **If capacitor need change, please check polarity match PCB print.**
- **If capacitor need to replace, must check specification and part number whether match the BOM and location.**
- **If capacitor need to replace, please insert new parts carefully because the near pin may cause short circuit by inappropriate operate.**
- **DO NOT allow any liquid on the board. Water and moisture may cause short-circuit to the electronic components and lead to malfunctions.**
- **The fusion point of Lead-Free solder is requested. Repairing with conventional lead wire may cause damage.**
- **Work quickly to avoid overheating the circuit board as soon as you confirm the steady soldering condition.**
- **Keep the soldering iron tip clean and well tinned and when replacing parts.**
- **A close inspection of the circuit board revealed look in good condition.**
- **After repaired, must do function test to check PSU function is ordinary.**

**Note:** (The requirement of professional repairers' regulation by ERP lot5)

- (1) The professional repairer has the technical competence to repair electronic displays and complies with the applicable regulations for repairers of electrical equipment in the Member States where it operates. Reference to an official registration system as

professional repairer, where such system exists in the Member States concerned, shall be accepted as proof of compliance with this point.

- (2) The professional repairer is covered by insurance covering liabilities resulting from its activity, regardless of whether this is required by the Member State.

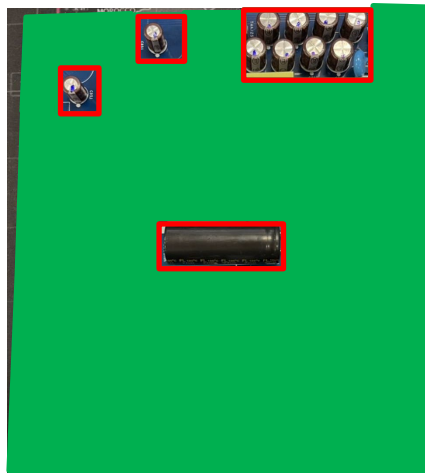
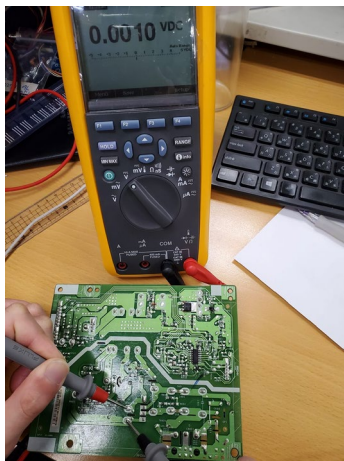
### Repair Process:

When EL capacitors damage or explode, it may lose function and cause product no work.

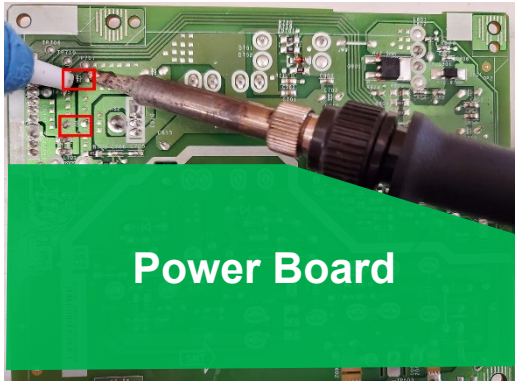
The locations are identified below:



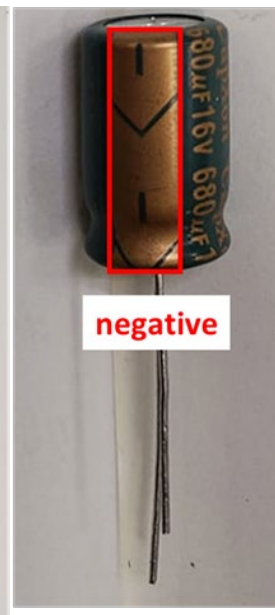
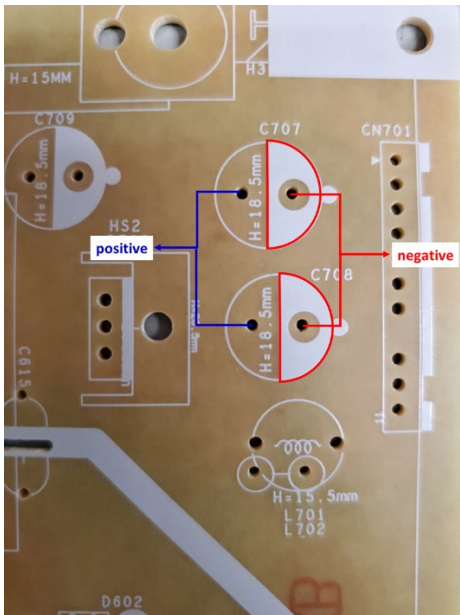
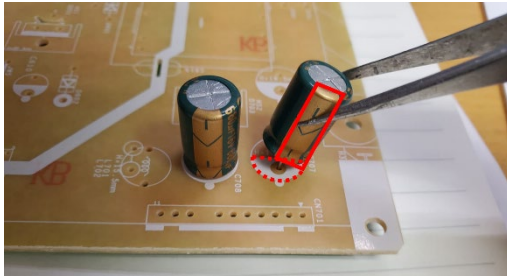
- 1) You must disconnect the power cord from the power source before opening the monitor to prevent component damage.
- 2) Use Multimeter measure whether EL capacitors still have charge. Before repairing must discharging it.



3) Lift capacitors from the PCB.



4) Place new component on the location, and must check polarity match PCB print.



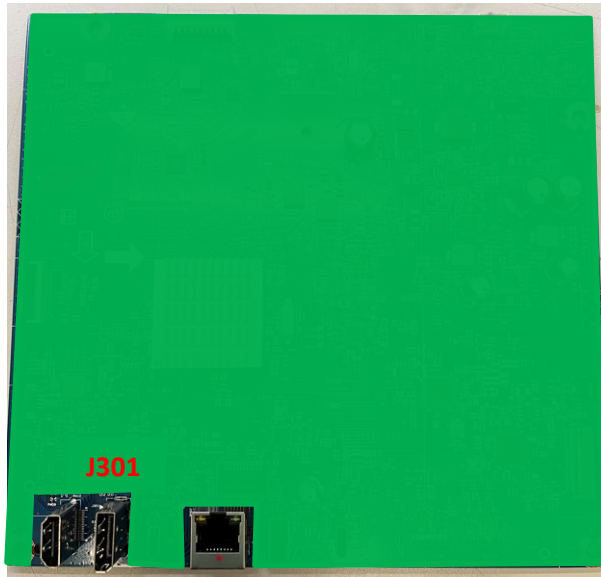
**After repaired, please double check whether polarity match PCB print, solder empty and unnecessary solder after soldering must remove.**

# Connector repair

The connectors are on the main board (board part number 5E.5S501.00\*).

The connectors identifiers are as follows:

Connector	Location
HDMI	J401
DP	J301
RJ-45	JH1



J401

JH1

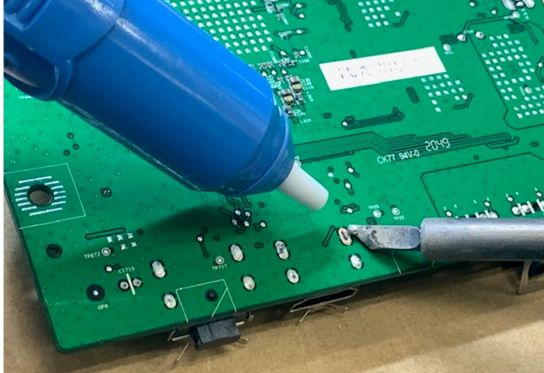
Before repairing connectors, follow these steps:

- ▲ Prepare the monitor for disassembly. See [Preparation for disassembly](#) on page 12.

## HDMI connector – J401

Repair the HDMI connector:

- 1) Use a soldering iron and a de-soldering pump to remove as much solder as possible from the pin.



- 2) Use a hot air gun to melt the solder on the pins.

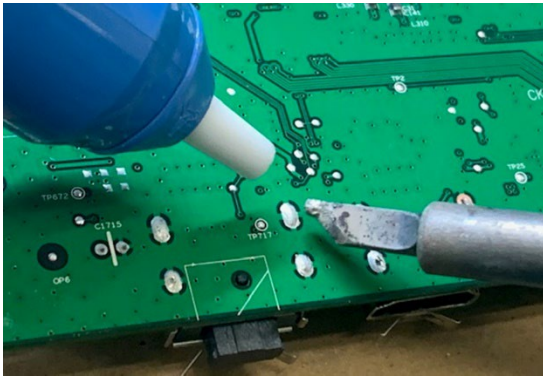


- 3) Lift the J3 connector from the circuit board.
- 4) Place the new component on the circuit board. Be sure that it matches the footprint.
- 5) Solder the new component.



## DP Connector repair – J301

- 1) Use a soldering iron and a de-soldering pump to remove as much solder as possible from one of the pins.



- 2) Use a hot air gun to melt the solder on the pins

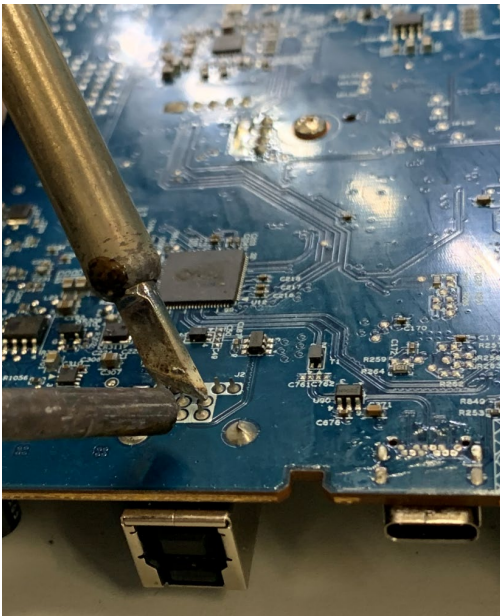
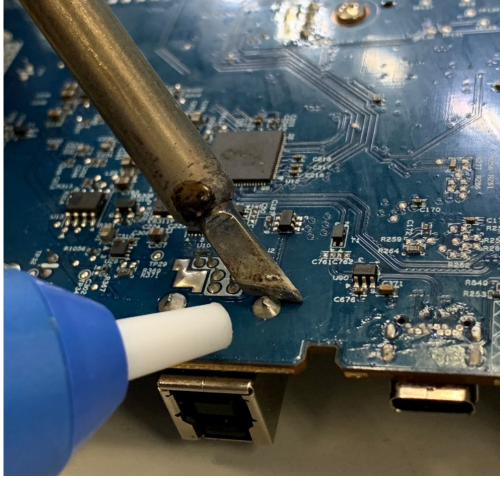


- 3) Lift connector from the PCB
- 4) Place new component on the location, and must check it can match PCB footprint
- 5) Soldering the new component by solder iron

## RJ45 Connector repair- JH1

- 1) Use a hot air gun to melt the solder on the pins Pin solder with soldering iron and absorber.

You can gently push down with the soldering iron once everything is molten to move the connector out of the through holes



- 2). Lift connector from the PCB
- 3). Place new component on the location, and must check it can match PCB footprint
- 4). Soldering the new component by solder iron

## Function test

After repair, be sure to confirm that all functions are working.

**Table 4-1:** Function test

<b>Test item</b>	<b>Operating description</b>	<b>Tool used</b>
HDMI	Check if the image and sound can be played normally on monitor. No noise volume and balance is correct.	PC or DVD Player
DP	Check if the image and sound can be played normally on monitor. No noise volume and balance is correct.	Computer or DVD player
RJ-45	Plug in network wire and RJ45 green light on.	Network wire

# Support and troubleshooting

The following table lists possible problems, the possible cause or each problem, and the recommended solutions.

**Table 4-2:** Solving common problems

<b>Problem</b>	<b>Possible cause</b>	<b>Solution</b>
Screen is blank or video is flashing.	Power cord is disconnected.	Connect the power cord.
	Monitor is off.	Power the power button. NOTE: If pressing the Power button has no effect, press and hold the power button for 10 seconds to disable the Power button lockout feature.
	Video cable is improperly connected.	Connect the video cable properly.
	System is in Sleep mode.	Press any key on the keyboard or move the mouse to exit Sleep mode.
Image appears blurred, indistinct, or too dark.	Video card is incompatible.	Open the OSD menu and select the Input Control menu. Set Auto-Switch Input to Off and manually select the input
	Brightness is too low.	Open the OSD menu and select <b>Brightness</b> to adjust the brightness scale as needed.
<b>Check Video Cable</b> is displayed on screen.	Monitor video cable is disconnected.	Connect the appropriate video signal cable between the computer and monitor. Be sure that the computer power is off while you connect the video cable.
<b>Input Signal Out of Range</b> is displayed on screen.	Video resolution and/or refresh rate are set higher than what the monitor supports.	Change the settings to a supported setting.
The monitor is off, but it did not seem	The monitor's power saving control is disabled.	Open the OSD menu and select <b>Power Control &gt;</b>

---

to enter into Sleep mode.

**Auto-Sleep Mode** and set auto-sleep to **On**.

---

**On-Screen Menus are Locked** is displayed. The monitor's OSD lock function is enabled.

Press and hold the **Menu** button on the front bezel to 10 seconds to disable the OSD lockout function.

---

**Power Button is Locked** is Displayed. The monitor's power button is locked.

Press and hold the power button for 10 seconds to disable the power button lock function.

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