



# HP Poly Studio Room Compute Hardware Guide

## **SUMMARY**

The guide describes the hardware components, ports, cabling options, and installation requirements of the HP Poly Studio Room Compute.

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# 1 HP Poly Studio 5/7 Room Compute Hardware Guide

This guide provides information about setting up the HP Poly Studio 5/7 Room Compute solution.

Use this guide when planning, installing, or cabling the HP Poly Studio 5/7 Room Compute hardware. It covers the physical aspects of the solution and explains how to connect supported peripherals, displays, touch controllers, and room devices.

For deployment, refer to the appropriate HP Poly Microsoft Teams Rooms Solution Guide or HP Poly Zoom Rooms Solution Guide.

## HP Poly Studio 5/7 Room Compute

The HP Poly Studio 5/7 Room Compute solution is an AI-enabled modular Windows-based video conferencing system for Microsoft Teams Rooms or Zoom Rooms.

The solution is designed to support any sized conferencing area—from small huddle spaces to extra large conferencing rooms—and it seamlessly supports multicamera and multicontroller environments.

The key features of the HP Poly Studio 5/7 Room Compute solution include the following:

- Intel Core Ultra U5 (Microsoft Teams only) or U7 with AI acceleration (50+ TOPS)
- Direct ingest for 4K 60 FPS high resolution local content sharing
- Support for two front-of-room screens plus whiteboard (Microsoft Teams); or three front-of-room screens plus confidence monitor (Zoom Rooms)
- HP Poly TC10 controller support with LLN connectivity
- Poly Studio Room management and onboarding
- Compatibility with most HP Poly devices; review [Supported platforms and hardware on page 1](#)

## Supported platforms and hardware

The HP Poly Studio 5/7 Room Compute solution supports multiple partner platforms, HP Poly devices, and third-party hardware.

The HP Poly Studio 5/7 Room Compute solution supports the following providers:

- Zoom Rooms (HP Poly Studio 7 Room Compute only)
- Microsoft Teams Rooms (HP Poly Studio 5 Room Compute or HP Poly Studio 7 Room Compute)

The HP Poly Studio 5/7 Room Compute solution supports connection with the following hardware devices:

- HP Poly TC10 device
- HP Poly Studio E-Series cameras:
  - Poly Studio E60
  - Poly Studio E70
- HP Poly Studio V-Series bars:
  - HP Poly Studio V12
  - HP Poly Studio V52
  - HP Poly Studio V72
- HP Poly Studio A2 audio devices (must be connected via a Poly Studio V-series bar):
  - HP Poly Studio A2 Audio Bridge
  - HP Poly Studio A2 Table Microphone
- Supported third-party hardware:
  - Sound Control Technologies USB Extender RTK-AM1
  - Shure DSP Intellimix P300
  - Intellimix Room

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## 2 Setting up the HP Poly Studio 5/7 Room Compute solution hardware

The following topics provide information on how to set up the HP Poly Studio 5/7 Room Compute solution hardware.

### Unboxing the HP Poly Studio 5/7 Room Compute solution

The HP Poly Studio 5/7 Room Compute solution includes the necessary hardware to mount and cable your system.

The HP Poly Studio 5/7 Room Compute solution comes with the following hardware components:

- HP Poly Studio Room Compute, model 5 (Microsoft Teams Rooms only) or model 7 (Microsoft Teams Rooms/Zoom Rooms)
- 150 W power supply
- 10 m Ethernet cable
- DisplayPort to HDMI adapter



**NOTE:** For maintenance-related information, such as spare parts, part removal and replacement, security, and backup procedures, refer to the [Maintenance and Service Guide](#) for the HP Poly Studio Room Compute.

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### Mounting your HP Poly Studio 5/7 Room Compute solution hardware

Mount your HP Poly Studio 5/7 Room Compute solution hardware using the supplied magnetic feet or together with the optional magnetic plate.

For information on mounting your HP Poly Studio 5/7 Room Compute solution, review the [Poly Studio 5/7 G1 AI Mounting Plate Quick Start Guide](#).



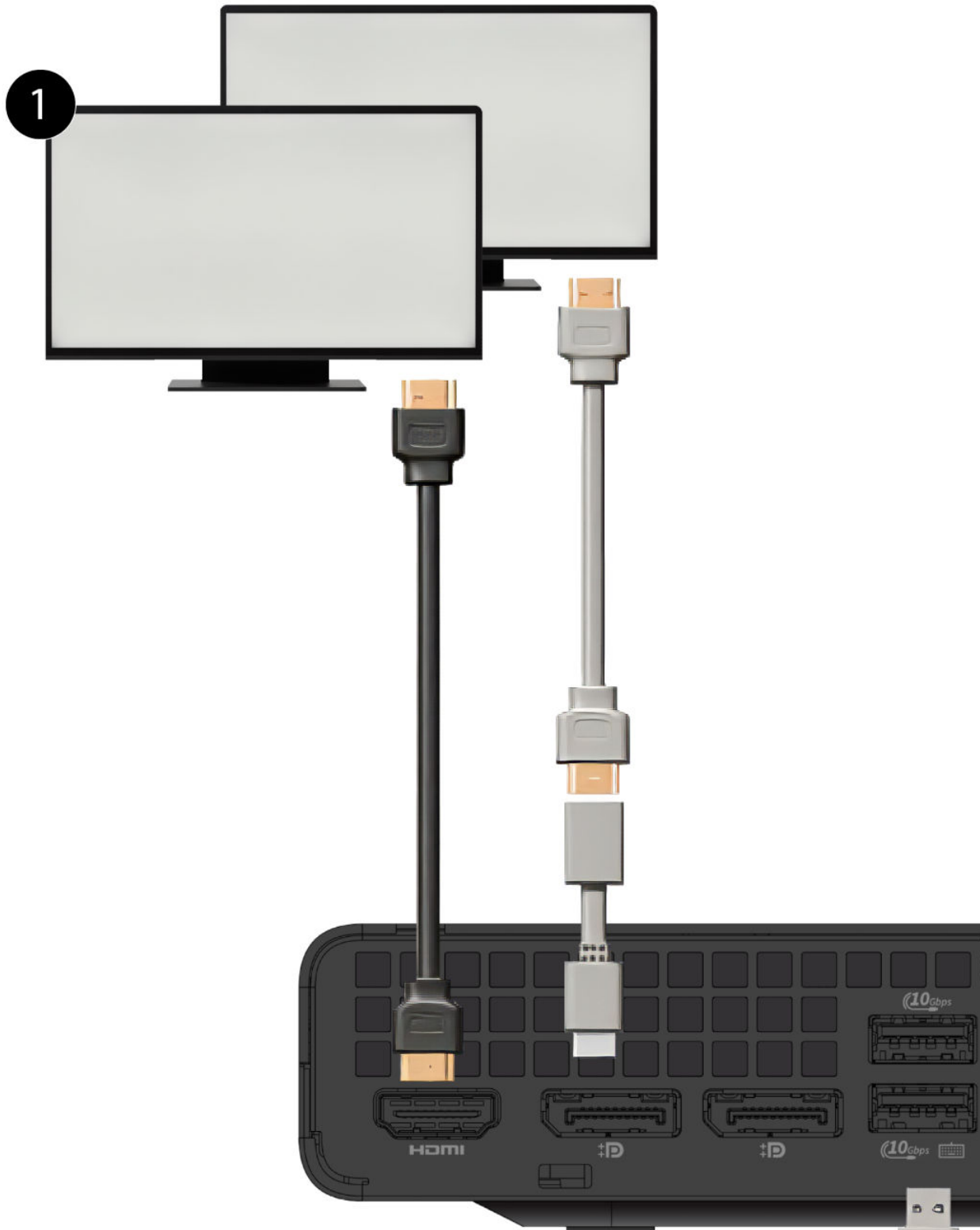
**WARNING!** When mounting the system using the magnetic feet, be aware that the magnets are extremely strong and can snap the unit into place quickly. Take care to keep fingers clear when positioning the unit on the mounting plate.

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## Set up your HP Poly Studio 5/7 Room Compute solution hardware for Microsoft Teams Rooms

Set up your HP Poly Studio 7 Room Compute solution for use with Microsoft Teams Rooms.

To help you correctly connect the system components, the HP Poly Studio 5/7 Room Compute includes color-coded ports and cables. The following cabling diagram shows the basic configuration (in black) of the HP Poly Studio 5/7 Room Compute, along with optional components (in blue) that you can add depending on your meeting room and video conferencing needs.



Basic required cabling



Optional cabling

Set up your HP Poly Studio 5/7 Room Compute solution hardware for Microsoft Teams Rooms

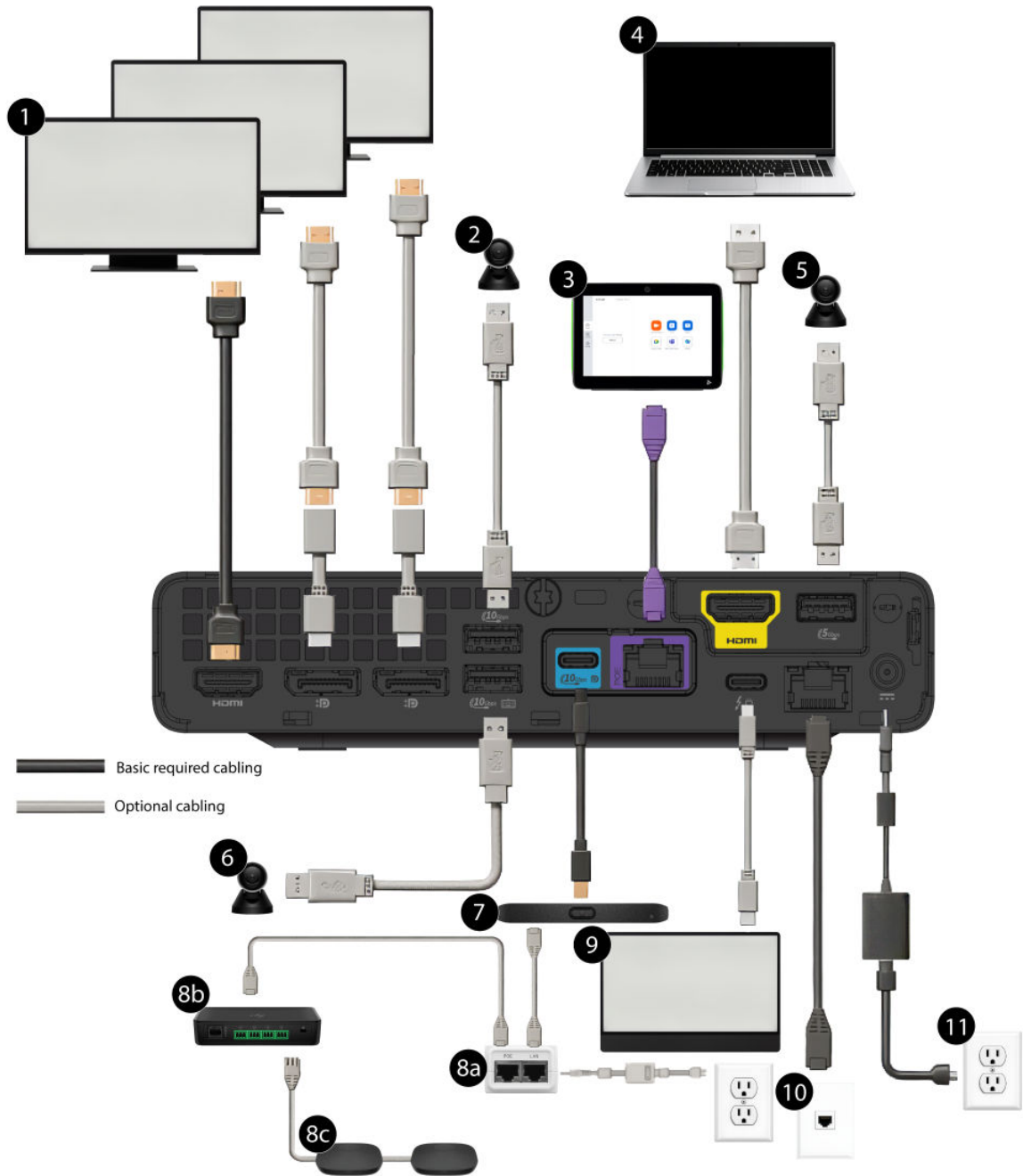
**Table 2-1 HP Poly Studio 5/7 Room Compute solution with Microsoft Teams Rooms configuration**

| Reference number | Hardware                                                                                                                                                                                                                                      | Connection Port          |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| 1                | Monitor(s)                                                                                                                                                                                                                                    | HDMI port or DisplayPort |
| 2                | HP Poly TC10                                                                                                                                                                                                                                  | PoE Ethernet port        |
| 3                | Laptop                                                                                                                                                                                                                                        | HDMI ingest port         |
| 4                | USB camera                                                                                                                                                                                                                                    | USB Type-A               |
| 5                | USB camera                                                                                                                                                                                                                                    | USB Type-A               |
| 6                | HP Poly Studio A2 solution, including: <ul style="list-style-type: none"><li>• 6a: Poly Studio V-Series video bar</li><li>• 6b: PoE adapter</li><li>• 6c: HP Poly Studio Audio Bridge</li><li>• 6d: HP Poly Studio Audio Microphone</li></ul> | USB Type-C               |
| 7                | Whiteboard                                                                                                                                                                                                                                    | USB Type-C               |
| 8                | Cable to power                                                                                                                                                                                                                                | Power port               |
| 9                | Cable to network                                                                                                                                                                                                                              | RJ-45 network connector  |
| 10               | Cable to power                                                                                                                                                                                                                                | Power port               |

## Setting up your HP Poly Studio 5/7 Room Compute solution hardware for Zoom Rooms

Set up your HP Poly Studio 5/7 Room Compute solution for use with Zoom Rooms.

To help you to correctly cable the system components, the HP Poly Studio 5/7 Room Compute ships with color-coded ports and cables. The following cabling diagram shows the basic configuration (in black) of the HP Poly Studio 5/7 Room Compute along with some optional components (in blue) that you can add, depending on your meeting room and video conferencing needs.



**Table 2-2** HP Poly Studio 5/7 Room Compute solution with Zoom Rooms configuration

| Reference number | Hardware     | Connection Port          |
|------------------|--------------|--------------------------|
| 1                | Monitor(s)   | HDMI port or DisplayPort |
| 2                | USB camera   | USB Type-A               |
| 3                | HP Poly TC10 | PoE Ethernet port        |
| 4                | Laptop       | HDMI ingest port         |
| 5                | USB camera   | USB Type-A               |

**Table 2-2 HP Poly Studio 5/7 Room Compute solution with Zoom Rooms configuration (continued)**

| Reference number | Hardware                                                                                                                                                                                                                                  | Connection Port         |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| 6                | USB camera                                                                                                                                                                                                                                | USB Type-A              |
| 7                | HP Poly Studio A2 solution, including: <ul style="list-style-type: none"><li>• 7a: Poly Studio V-Series video bar</li><li>• 7b: PoE adapter</li><li>• 7c: HP Poly Studio Audio Bridge</li><li>• 7d: HP Poly Studio Audio Bridge</li></ul> | USB Type-C              |
| 8                | Confidence monitor                                                                                                                                                                                                                        | USB Type-C              |
| 9                | Cable to network                                                                                                                                                                                                                          | RJ-45 network connector |
| 10               | Cable to power                                                                                                                                                                                                                            | Power port              |

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## 3 Getting help

Poly is now a part of HP. The joining of Poly and HP paves the way for the hybrid work experiences of the future.

- To access the latest documentation for your HP Poly product, visit [HP Support](#) and follow the instructions to find your product.
- The [HP Community](#) provides additional tips and solutions from other HP product users.
- Review the [Poly Regulatory and Safety Information](#) for compliance documentation about your product.
- HP, Inc. offers a limited warranty/guarantee on this product. For details, visit [www.hp.com/go/orderdocuments](http://www.hp.com/go/orderdocuments).
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### HP Inc. addresses

Contact HP at the following office locations.

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#### **HP Germany**

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#### **HP Spain**

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Sant Cugat del Valles  
Spain, 08174  
902 02 70 20

**HP UK**  
HP Inc UK Ltd  
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300 Thames Valley Park Drive  
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## Document information

Review the following document information.

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