Jabra PanaCast 50 Room System(8601-337)

Jabra PanaCast 50 Room System - Video conferencing kit (PanaCast 50, Lenovo ThinkSmart Core, Lenovo ThinkSmart Controller) - with 3 Years Lenovo Premier Support - Certified for Microsoft Teams Rooms

The Jabra PanaCast 50 Room System is a complete solution that enables small and medium rooms to play host to more inclusive, more immersive virtual meetings.

Jabra deliver innovative video collaboration experiences that make hybrid working, well, work. This combined solution from trusted brands simplifies video conferencing for increased productivity.

Using AI-enabled video and audio streams, PanaCast 50 Room System delivers a more natural and inclusive collaboration experience. And with Jabra's proprietary intelligent algorithms, the tone and nuances of the meeting are captured to keep hybrid teams connected and engaged from anywhere.

Key Selling Points

Astounding sound
Picture perfect
On-device AI
Virtual collaboration

Product Features

Fully immersive, for all
Nearly half of hybrid workers feel disconnected when not in the meeting room. That's why the intelligent features of the Jabra PanaCast 50 Room System are the complete solution to keep meetings engaging and productive. When the whole team is interacting as equal participants, get ready for next-level results. Collaboration, for the win.

Sound that astounds
Great meetings start with great sound, and as the world leaders in professional audio, that's something Jabra knows a thing or two about. Jabra has reinvented meeting room audio for modern ways of working, with eight professional-grade microphones and precision voice detection. Intelligent algorithms automatically identify and remove residual echo and static noise, and Jabra added an array of four powerful speakers in a zero-vibration stereo setup, to fill the room with premium, high-definition sound. However you work, Jabra PanaCast 50 is engineered to keep you talking.

Hear and be heard, naturally
Meetings flow better when everyone can communicate clearly. Jabra's advanced beamforming technology maximizes the signal-to-noise ratio for crystal-clear voices, anywhere in the room. And with full duplex technology, everyone can contribute to the conversation in real time. So those verbal cues that are so integral to face-to-face conversations will never go unheard.

Outstanding 180° video all in
In addition to Jabra's world-leading audio, Jabra has gone all-in on inclusive video that keeps everyone, well... all in. Three 13-megapixel cameras, mounted in a high-precision, multi-camera array, cover every part of the room. But here's the really clever part: Jabra's patented real-time video stitching technology intelligently decides exactly the right point to live-stitch the three feeds together, creating a smooth, 180° view in high-definition Panoramic-4K. That means nobody is squeezed together, distorted, or missing from the picture. Jabra PanaCast 50 puts inclusive meetings back on the table, safely. Jabra has gone all-in on getting you all in.

Touch (control) and go
There's nothing like consistency and simplicity. That's why the PanaCast 50 Room System is designed to free you from connecting your laptop and fiddling with cables. With the touch controller, start your next meeting with just one touch for instant collaboration, with everything you need at your fingertips, thanks to wireless content sharing.

Engaging, immersive, human
What if your in-room video conferencing tool could automatically detect who's speaking, and intelligently adjust the picture to focus on them, just like your brain would refocus your gaze if you were there in the room? Jabra's high-power Edge-AI processing chips deploy Jabra's proprietary algorithms to intuitively follow your meeting, instantly adjusting the frame in real time to focus only on the active speakers. The result is a meeting experience that puts the most important content front and center, so nobody misses out on any of the important details. Bring the human touch to your virtual meetings.

The analog goes digital
Jabra's whiteboard streaming technology lets you live stream and enhance your whiteboard content, so everyone on the call can see it, even if they're not in the room. And unlike other brands, the feature is built in and powered by Jabra's 180° field of view. Intelligent algorithms automatically capture and live-stream your whiteboard content in real time, so you don't need to be present to participate. Jabra has reinvented the whiteboard for modern working.

Main Specifications

Product Description	Jabra PanaCast 50 Room System - video conferencing kit
Device Type	Video conferencing kit
Kit Content	PanaCast 50, Lenovo ThinkSmart Core, Lenovo ThinkSmart Controller
Display	10.1" 1280 x 800
Video Input	Digital video camera - SuperSpeed USB 3.0, USB, line-In
Audio Input	8-microphone array - beamforming
Audio Output	Speakers with subwoofer - stereo
Input Device	10.1" touchscreen (wired)
PC Configuration	Core i5-1145G7E/8GB RAM/256GB SSD
Networking	Network adapter - Gigabit Ethernet, IEEE 802.11b, IEEE 802.11a, IEEE 802.11g, IEEE 802.11n, IEEE 802.11ac, Bluetooth 5.0 LE, IEEE 802.11ax (Wi-Fi 6)
Software Certification	Certified for Microsoft Teams Rooms
System Requirements	Apple macOS 10.15 or later, Apple macOS 11.x, Windows 10
Manufacturer Warranty	3-year warranty
Bundled Services	3 Years Lenovo Premier Support

Extended Specification

General

Device Type	Video conferencing kit
Kit Content	PanaCast 50, Lenovo ThinkSmart Core, Lenovo ThinkSmart Controller
Dimensions & Weight Details	Compute system - Width 22.6 cm Depth 20 cm Height 3.75 cm Weight 1.12 kg ¦ Touch screen - Width 26.55 cm Depth 1.3 cm Height 16.81 cm Weight 753.8 g ¦ Camera - Width 65 cm Depth 12.5 cm Height 8 cm Weight 2.2 kg

Expansion / Connectivity

Interfaces	2 x audio / video - HDMI output ¦ 2 x USB 3.2 Gen 2 ¦ 1 x USB 3.2 Gen 1 ¦ 1 x USB-C 3.2 Gen 1 ¦ 1 x USB-C 3.2 Gen 2 ¦ 1 x audio / video - HDMI input ¦ 2 x audio - headphones/microphone - mini-phone 3.5 mm ¦ 2 x USB ¦ 1 x USB-C ¦ 2 x network - RJ-45

Manufacturer Warranty

Service & Support	Limited warranty - 3 years
Bundled Services	3 Years Lenovo Premier Support

Networking

Type	Network adapter
Connectivity Technology	Wireless, wired
Data Link Protocol	Gigabit Ethernet, IEEE 802.11b, IEEE 802.11a, IEEE 802.11g, IEEE 802.11n, IEEE 802.11ac, Bluetooth 5.0 LE, IEEE 802.11ax (Wi-Fi 6)
Features	Security slot (Kensington security lock compatible), Intel vPro Technology support, dual-stream (2x2)
Compliant Standards	IEEE 802.11b, IEEE 802.11a, IEEE 802.11g, IEEE 802.11n, IEEE 802.11ac, Bluetooth 5.0, IEEE 802.11ax

Miscellaneous

Cables Included	1 x USB-C to USB-A cable - 2 m ¦ 1 x USB-C cable - 10 m
Mounting Kit	Included
Included Accessories	Wall mount, power adapter, mounting bracket

Software Certification	Certified for Microsoft Teams Rooms
Compliant Standards	Plug and Play

Power

Power Device	Power supply - external

Software / System Requirements

Software Included	Windows 10 IoT Enterprise 64-bit, Jabra Direct, Jabra Sound+, Jabra Xpress, Software Development Kit (SDK), WhiteBoard
OS Required	Apple macOS 10.15 or later, Apple macOS 11.x, Windows 10

Display

Diagonal Size	10.1"
Native Resolution	1280 x 800
Image Aspect Ratio	16:10
Image Brightness	340 cd/m²
Monitor Features	10-point multi-touch, rotatable, anti-glare, anti-smudge

Video Input

Type	Digital video camera (colour) - desktop / wall mountable
Interface Type	SuperSpeed USB 3.0, USB, line-In
Digital Video Capture Resolution	3840 x 1080
Video Modes	4K
Digital Zoom	6
Features	180° field of view (horizontal), 54° field of view (vertical), panoramic 4K resolution support, 13 megapixels resolution, triple cameras, Intelligent-Zoom, High Dynamic Range (HDR), Video Stitching technology, people counting, automatic speaker tracking, Manual Pan-Tilt-Zoom, LED indicator, Live Streaming, 30 fps

Audio Output

Type	Speakers with subwoofer
Sound Output Mode	Stereo
Frequency Response	80 - 20000 Hz

Input Device

Type	10.1" touchscreen
Connectivity Technology	Wired

Audio Input

Type	8-microphone array - integrated
Microphone Operation Mode	Beamforming
Frequency Response	100 - 8000 Hz

Video Output

PC Configuration	Core i5-1145G7E/8GB RAM/256GB SSD

Dimensions & Weight (Shipping)

Shipping Width	16.5 cm
Shipping Depth	55 cm
Shipping Height	69.8 cm