

## PANACAST 50 ROOM SYSTEM

# A simple, complete solution that brings hybrid teams together

- Unique 180° field of view and AI-driven intelligent meeting room experiences for more inclusive, immersive, and natural collaboration
- Powerful and secure Windows-based computing and intuitive touch control and Lenovo ThinkSmart Core and ThinkSmart Controller
- Certified for and preloaded with either Microsoft Teams Rooms or Zoom Rooms for seamless integration into meeting room ecosystems



### JABRA PANACAST 50 ROOM SYSTEM

<b>Box contents</b>	Jabra PanaCast 50	PanaCast 50, power supply, wall mount, USB-C to USB-A cable 2m/6.6ft (USB 3.0)
	Lenovo ThinkSmart Core and Controller	ThinkSmart Core computing device, ThinkSmart Controller display, power adapter, mounting bracket, 10m USB-C cable
	Preloaded application	Microsoft Teams Rooms or Zoom Rooms
<b>General info</b>	Packaging dimensions (WxHxD)	16.5cm x 69.8cm x 55cm   6.5x2in x 7.48in x 21.65in
	Weight range, specific to regional power plug	9914.6g/ 349.7oz/ 21.8lb to 10025.7g/ 353.6oz/ 22.1lb
	Warranty	3 years

### PANACAST 50

	Certifications and compliance	Microsoft Teams Rooms (with separate Microsoft Teams Rooms certification for integrated Content Camera), Microsoft Intelligent Camera Experience, Zoom Rooms
<b>Video</b>	Number of cameras	3
	Type of camera	Panoramic multi-camera array
	Camera resolution	13 megapixels
	Zoom	Up to 6x lossless digital zoom
	Field of view	Horizontal: 180°, Vertical: 54°
	Resolution	Panoramic-4K: 3840 x 1080 @ 30fps
	Intelligent Zoom	Yes
	Dynamic Composition	Yes. Requires USB 3.0 connection (USB 3.0 port + USB 3.0 cable) and UC clients that support NV12 format.
	Virtual Director	Yes
	Vivid HDR	Yes
<b>Audio</b>	Speakers	2 x 2" (50mm) woofers, 2 x 3/4" (20mm) tweeters
	Speaker frequency range	80Hz - 20000Hz
	Number of speakers	4
	Automatic speaker detection	Yes
	Microphone type	8 microphone beamforming array certified for room up to 4.5m x 6m
	Number of microphones	8
	Microphone sensitivity	-37dBFS
	Microphone frequency range	100Hz - 8000Hz
<b>Software &amp; Apps</b>	System requirements	Compatible with Windows 10, macOS 10.15 and later, including macOS 11.x
	Compatible software and/or apps	Jabra Direct, Jabra Sound+, Jabra Xpress
	Proxy support	HTTP, SOCKS4, SOCKS4A, SOCKS5, SOCKS5H
	Integrated PeopleCount	Yes
	Software Development Kit (SDK)	Yes
	Whiteboard Sharing / Content Camera (Windows only)	Yes

<b>Ease of use</b>	Manual Pan-Tilt-Zoom (PTZ)	Yes
<b>Connectivity</b>	Connectivity	USB-A, USB-C, Ethernet (RJ45) for connection to supported
	Supported USB versions	USB 2.0, USB 3.0
	Bluetooth Low Energy support	Yes, for remote control and Sound+ access
<b>Extended info</b>	Operating temperature	5°C to 35°C   41°F to 95°F
	Storage temperature	-20°C to 60°C   -4°F to 140°F

#### LENOVO THINKSMART CORE

<b>Performance</b>	Processor	Intel® Core™ i5-1145G7E IoTG vPro® Processor
	Operating System	Windows® 10 IoT Enterprise SAC 64 bit
	Memory	8 GB (Dual-Channel) DDR4 3200MHz
	Graphics	Intel® Iris® Xe Graphics
	Storage	256GB PCIe TLC SSD
<b>Connectivity</b>	WiFi	WLAN 802.11 AC (2x2)
	Bluetooth Low Energy support	Yes
	Bluetooth version	5.0
	Connectivity	1x HDMI-in 2x HDMI-out Ethernet (RJ45) 2x USB-A 3.2 Gen 2 1x USB-A 3.2 Gen 1 1x USB-C 3.2 Gen 2 1x USB-C 3.2 Gen 1
<b>Power</b>		1x Standard Think Power
<b>General info</b>	Dimensions (WxHxD)	226mm x 37.5mm x 200mm   8.90in x 1.48in x 7.87in
	Weight	1120g   39.52oz
	Security	Trusted Platform Module (TPM) 2.0 Kensington MiniSaver lock slot Integrated cable management
	Warranty	3-year warranty with Premier Support
	Certifications	Microsoft Teams Rooms, Zoom Rooms
<b>Extended info</b>	Operating temperature	10°C to 35°C   50°F to 95°F
	Storage temperature	-20°C to 60°C   -4°F to 140°F

#### LENOVO THINKSMART CONTROLLER

<b>Device</b>	Display	10.1" 10-point touch (HD 1280 x 800, 16:10 aspect ratio, <340 nits), rotatable 30° & 60°
	Connectivity	1x USB-C 2.0, 1x 3.5mm (headphone/mic)
<b>General info</b>	Dimensions (WxHxD)	265.5mm x 168.1mm x 13mm   10.5in x 6.6in x 0.5in
	Weight	753.8g   27.2oz
	Security	Kensington MiniSaver lock slot
	Warranty	3-year warranty with Premier Support
	<b>Extended info</b>	Operating temperature
Storage temperature		-20°C to 60°C   -4°F to 140°F

<b>Accessories</b>	14202-10	Jabra PanaCast 50 USB Cable - USB 3.0, 2m
	14202-11	Jabra PanaCast 50 USB Cable - USB 2.0, 5m
	14202-12	Jabra PanaCast USB Cable (USB-A to USB-C) - 3m
	14207-70	Jabra PanaCast 50 Table Stand - Black
	14207-71	Jabra PanaCast 50 Wall Mount - Black
	14207-72	Jabra PanaCast 50 Screen Mount
	14207-75	Jabra PanaCast 50 Table Stand - Grey
	14207-76	Jabra PanaCast 50 Wall Mount - Grey
	8211-209	Jabra PanaCast 50 Remote - Grey
	8220-209	Jabra PanaCast 50 Remote - Black

<b>Australia</b>	8601-335	PanaCast 50 Room System MTR - PanaCast 50 Black with AU charger - Lenovo ThinkSmart Core Kit, Australia
	8601-435	PanaCast 50 Room System ZR - PanaCast 50 Black with AU charger - Lenovo ThinkSmart Core Kit, Australia
<b>Belgium</b>	8601-101	PanaCast 50 Room System MTR - PanaCast 50 Black with EU charger - Lenovo ThinkSmart Core Kit, Belgium
	8601-201	PanaCast 50 Room System ZR - PanaCast 50 Black with EU charger - Lenovo ThinkSmart Core Kit, Belgium
<b>Bulgaria</b>	8601-102	PanaCast 50 Room System MTR - PanaCast 50 Black with EU charger - Lenovo ThinkSmart Core Kit, Bulgaria
	8601-202	PanaCast 50 Room System ZR - PanaCast 50 Black with EU charger - Lenovo ThinkSmart Core Kit, Bulgaria
<b>Canada</b>	8601-103	PanaCast 50 Room System MTR - PanaCast 50 Black with US charger - Lenovo ThinkSmart Core Kit, Canada (French)
	8601-104	PanaCast 50 Room System MTR - PanaCast 50 Black with US charger - Lenovo ThinkSmart Core Kit, Canada (English)
	8601-203	PanaCast 50 Room System ZR - PanaCast 50 Black with US charger - Lenovo ThinkSmart Core Kit, Canada (French)
	8601-204	PanaCast 50 Room System ZR - PanaCast 50 Black with US charger - Lenovo ThinkSmart Core Kit, Canada (English)
<b>China</b>	8601-105	PanaCast 50 Room System MTR - PanaCast 50 Black with CN charger - Lenovo ThinkSmart Core Kit, China (English)
	8601-106	PanaCast 50 Room System MTR - PanaCast 50 Black with CN charger - Lenovo ThinkSmart Core Kit, China (Simplified Chinese)
	8601-205	PanaCast 50 Room System ZR - PanaCast 50 Black with CN charger - Lenovo ThinkSmart Core Kit, China (English)
	8601-206	PanaCast 50 Room System ZR - PanaCast 50 Black with CN charger - Lenovo ThinkSmart Core Kit, China (Simplified Chinese)
<b>Croatia</b>	8601-107	PanaCast 50 Room System MTR - PanaCast 50 Black with EU charger - Lenovo ThinkSmart Core Kit, Croatia
	8601-207	PanaCast 50 Room System ZR - PanaCast 50 Black with EU charger - Lenovo ThinkSmart Core Kit, Croatia
<b>Czech Slovakia</b>	8601-108	PanaCast 50 Room System MTR - PanaCast 50 Black with EU charger - Lenovo ThinkSmart Core Kit, Czech Slovakia
	8601-208	PanaCast 50 Room System ZR - PanaCast 50 Black with EU charger - Lenovo ThinkSmart Core Kit, Czech Slovakia
<b>Denmark</b>	8601-109	PanaCast 50 Room System MTR - PanaCast 50 Black with EU charger - Lenovo ThinkSmart Core Kit, Denmark
	8601-209	PanaCast 50 Room System ZR - PanaCast 50 Black with EU charger - Lenovo ThinkSmart Core Kit, Denmark
<b>Finland</b>	8601-110	PanaCast 50 Room System MTR - PanaCast 50 Black with EU charger - Lenovo ThinkSmart Core Kit, Finland
	8601-210	PanaCast 50 Room System ZR - PanaCast 50 Black with EU charger - Lenovo ThinkSmart Core Kit, Finland
<b>France</b>	8601-111	PanaCast 50 Room System MTR - PanaCast 50 Black with EU charger - Lenovo ThinkSmart Core Kit, France (English)
	8601-112	PanaCast 50 Room System MTR - PanaCast 50 Black with EU charger - Lenovo ThinkSmart Core Kit, France (French)
	8601-211	PanaCast 50 Room System ZR - PanaCast 50 Black with EU charger - Lenovo ThinkSmart Core Kit, France (English)
	8601-212	PanaCast 50 Room System ZR - PanaCast 50 Black with EU charger - Lenovo ThinkSmart Core Kit, France (French)
<b>Germany</b>	8601-113	PanaCast 50 Room System MTR - PanaCast 50 Black with EU charger - Lenovo ThinkSmart Core Kit, Germany
	8601-213	PanaCast 50 Room System ZR - PanaCast 50 Black with EU charger - Lenovo ThinkSmart Core Kit, Germany
<b>Greece</b>	8601-114	PanaCast 50 Room System MTR - PanaCast 50 Black with EU charger - Lenovo ThinkSmart Core Kit, Greece
	8601-214	PanaCast 50 Room System ZR - PanaCast 50 Black with EU charger - Lenovo ThinkSmart Core Kit, Greece
<b>Hong Kong</b>	8601-115	PanaCast 50 Room System MTR - PanaCast 50 Black with UK charger - Lenovo ThinkSmart Core Kit, Hong Kong
	8601-215	PanaCast 50 Room System ZR - PanaCast 50 Black with UK charger - Lenovo ThinkSmart Core Kit, Hong Kong

<b>Hungary</b>	8601-116	PanaCast 50 Room System MTR - PanaCast 50 Black with EU charger - Lenovo ThinkSmart Core Kit, Hungary (Hungarian/English)
	8601-117	PanaCast 50 Room System MTR - PanaCast 50 Black with EU charger - Lenovo ThinkSmart Core Kit, Hungary (English)
	8601-216	PanaCast 50 Room System ZR - PanaCast 50 Black with EU charger - Lenovo ThinkSmart Core Kit, Hungary (Hungarian/English)
	8601-217	PanaCast 50 Room System ZR - PanaCast 50 Black with EU charger - Lenovo ThinkSmart Core Kit, Hungary (English)
<b>Iceland</b>	8601-118	PanaCast 50 Room System MTR - PanaCast 50 Black with EU charger - Lenovo ThinkSmart Core Kit, Iceland
	8601-218	PanaCast 50 Room System ZR - PanaCast 50 Black with EU charger - Lenovo ThinkSmart Core Kit, Iceland
<b>India</b>	8601-119	PanaCast 50 Room System MTR - PanaCast 50 Black with IN charger - Lenovo ThinkSmart Core Kit, India
	8601-219	PanaCast 50 Room System ZR - PanaCast 50 Black with IN charger - Lenovo ThinkSmart Core Kit, India
<b>Indonesia</b>	8601-120	PanaCast 50 Room System MTR - PanaCast 50 Black with EU charger - Lenovo ThinkSmart Core Kit, Indonesia
	8601-220	PanaCast 50 Room System ZR - PanaCast 50 Black with EU charger - Lenovo ThinkSmart Core Kit, Indonesia
<b>Italy</b>	8601-121	PanaCast 50 Room System MTR - PanaCast 50 Black with EU charger - Lenovo ThinkSmart Core Kit, Italy
	8601-221	PanaCast 50 Room System ZR - PanaCast 50 Black with EU charger - Lenovo ThinkSmart Core Kit, Italy
<b>Japan</b>	8601-145	PanaCast 50 Room System MTR - PanaCast 50 Black with US charger - Lenovo ThinkSmart Core Kit, Japan
	8601-245	PanaCast 50 Room System ZR - PanaCast 50 Black with US charger - Lenovo ThinkSmart Core Kit, Japan
<b>Korea</b>	8601-122	PanaCast 50 Room System MTR - PanaCast 50 Black with KR charger - Lenovo ThinkSmart Core Kit, Korea
	8601-222	PanaCast 50 Room System ZR - PanaCast 50 Black with KR charger - Lenovo ThinkSmart Core Kit, Korea
<b>Luxembourg</b>	8601-123	PanaCast 50 Room System MTR - PanaCast 50 Black with EU charger - Lenovo ThinkSmart Core Kit, Luxembourg
	8601-223	PanaCast 50 Room System ZR - PanaCast 50 Black with EU charger - Lenovo ThinkSmart Core Kit, Luxembourg
<b>Malaysia</b>	8601-124	PanaCast 50 Room System MTR - PanaCast 50 Black with UK charger - Lenovo ThinkSmart Core Kit, Malaysia
	8601-224	PanaCast 50 Room System ZR - PanaCast 50 Black with UK charger - Lenovo ThinkSmart Core Kit, Malaysia
<b>Netherlands</b>	8601-125	PanaCast 50 Room System MTR - PanaCast 50 Black with EU charger - Lenovo ThinkSmart Core Kit, Netherlands
	8601-225	PanaCast 50 Room System ZR - PanaCast 50 Black with EU charger - Lenovo ThinkSmart Core Kit, Netherlands
<b>New Zealand</b>	8601-126	PanaCast 50 Room System MTR - PanaCast 50 Black with AU charger - Lenovo ThinkSmart Core Kit, New Zealand
	8601-226	PanaCast 50 Room System ZR - PanaCast 50 Black with AU charger - Lenovo ThinkSmart Core Kit, New Zealand
<b>Norway</b>	8601-128	PanaCast 50 Room System MTR - PanaCast 50 Black with EU charger - Lenovo ThinkSmart Core Kit, Norway
	8601-228	PanaCast 50 Room System ZR - PanaCast 50 Black with EU charger - Lenovo ThinkSmart Core Kit, Norway
<b>Philippines</b>	8601-129	PanaCast 50 Room System MTR - PanaCast 50 Black with US charger - Lenovo ThinkSmart Core Kit, Philippines
	8601-229	PanaCast 50 Room System ZR - PanaCast 50 Black with US charger - Lenovo ThinkSmart Core Kit, Philippines
<b>Poland</b>	8601-130	PanaCast 50 Room System MTR - PanaCast 50 Black with EU charger - Lenovo ThinkSmart Core Kit, Poland
	8601-230	PanaCast 50 Room System ZR - PanaCast 50 Black with EU charger - Lenovo ThinkSmart Core Kit, Poland
<b>Portugal</b>	8601-131	PanaCast 50 Room System MTR - PanaCast 50 Black with EU charger - Lenovo ThinkSmart Core Kit, Portugal
	8601-231	PanaCast 50 Room System ZR - PanaCast 50 Black with EU charger - Lenovo ThinkSmart Core Kit, Portugal

<b>Romania</b>	8601-132	PanaCast 50 Room System MTR - PanaCast 50 Black with EU charger - Lenovo ThinkSmart Core Kit, Romania
	8601-232	PanaCast 50 Room System ZR - PanaCast 50 Black with EU charger - Lenovo ThinkSmart Core Kit, Romania
<b>Singapore</b>	8601-133	PanaCast 50 Room System MTR - PanaCast 50 Black with UK charger - Lenovo ThinkSmart Core Kit, Singapore
	8601-233	PanaCast 50 Room System ZR - PanaCast 50 Black with UK charger - Lenovo ThinkSmart Core Kit, Singapore
<b>Slovenia</b>	8601-134	PanaCast 50 Room System MTR - PanaCast 50 Black with EU charger - Lenovo ThinkSmart Core Kit, Slovenia
	8601-234	PanaCast 50 Room System ZR - PanaCast 50 Black with EU charger - Lenovo ThinkSmart Core Kit, Slovenia
<b>Spain</b>	8601-135	PanaCast 50 Room System MTR - PanaCast 50 Black with EU charger - Lenovo ThinkSmart Core Kit, Spain
	8601-235	PanaCast 50 Room System ZR - PanaCast 50 Black with EU charger - Lenovo ThinkSmart Core Kit, Spain
<b>Sweden</b>	8601-136	PanaCast 50 Room System MTR - PanaCast 50 Black with EU charger - Lenovo ThinkSmart Core Kit, Sweden
	8601-236	PanaCast 50 Room System ZR - PanaCast 50 Black with EU charger - Lenovo ThinkSmart Core Kit, Sweden
<b>Switzerland</b>	8601-137	PanaCast 50 Room System MTR - PanaCast 50 Black with EU charger - Lenovo ThinkSmart Core Kit, Switzerland
	8601-237	PanaCast 50 Room System ZR - PanaCast 50 Black with EU charger - Lenovo ThinkSmart Core Kit, Switzerland
<b>Taiwan</b>	8601-138	PanaCast 50 Room System MTR - PanaCast 50 Black with US charger - Lenovo ThinkSmart Core Kit, Taiwan
	8601-238	PanaCast 50 Room System ZR - PanaCast 50 Black with US charger - Lenovo ThinkSmart Core Kit, Taiwan
<b>Thailand</b>	8601-139	PanaCast 50 Room System MTR - PanaCast 50 Black with US charger - Lenovo ThinkSmart Core Kit, Thailand
	8601-239	PanaCast 50 Room System ZR - PanaCast 50 Black with US charger - Lenovo ThinkSmart Core Kit, Thailand
<b>Turkey</b>	8601-140	PanaCast 50 Room System MTR - PanaCast 50 Black with EU charger - Lenovo ThinkSmart Core Kit, Turkey
	8601-240	PanaCast 50 Room System ZR - PanaCast 50 Black with EU charger - Lenovo ThinkSmart Core Kit, Turkey
<b>United Kingdom</b>	8601-141	PanaCast 50 Room System MTR - PanaCast 50 Black with UK charger - Lenovo ThinkSmart Core Kit, United Kingdom
	8601-241	PanaCast 50 Room System ZR - PanaCast 50 Black with UK charger - Lenovo ThinkSmart Core Kit, United Kingdom
<b>United States</b>	8601-142	PanaCast 50 Room System MTR - PanaCast 50 Black with US charger - Lenovo ThinkSmart Core Kit, United States (English)
	8601-143	PanaCast 50 Room System MTR - PanaCast 50 Black with US charger - Lenovo ThinkSmart Core Kit, United States (Spanish)
	8601-242	PanaCast 50 Room System ZR - PanaCast 50 Black with US charger - Lenovo ThinkSmart Core Kit, United States (English)
	8601-243	PanaCast 50 Room System ZR - PanaCast 50 Black with US charger - Lenovo ThinkSmart Core Kit, United States (Spanish)

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