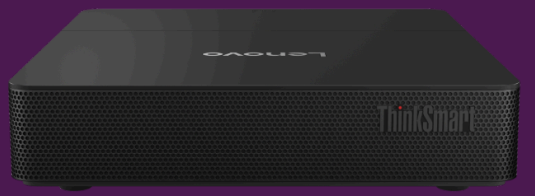


ThinkSmart Core Gen 2 for Microsoft Team Rooms

Upgrade your meeting spaces with ThinkSmart Core Gen 2, the first AI-optimized device built for video conferencing room systems. Powered by the Intel® Core™ Ultra 5 or 7 processor with an integrated NPU, this device accelerates compute tasks and data transfer, optimizing AI performance and streamlining operations with up to 40% lower power consumption. Equipped with Windows 11 IoT, the device offers the flexibility to choose from a wide range of Teams Rooms-certified peripherals. For easy installation, it includes either the Lenovo IP Controller or the ThinkSmart Controller, ensuring compatibility with various room setups. Additionally, it supports BYOD mode, enabling users to host meetings from the laptop, regardless of the UC platform.



Purpose-built to improve productivity and collaboration

The device is certified for Microsoft Teams Rooms and operates on Windows 11 IoT, delivering a premium meeting experience enhanced by Copilot and AI-driven features like IntelliFrame and intelligent speaker recognition. IntelliFrame automatically adjusts focus to frame individuals dynamically, promoting more natural and engaging interactions. Additionally, the intelligent speaker identifies participants by voice, enabling it to generate meeting notes for actionable summaries and follow-ups.

The versatile built-in cable management system secures wires in place or can be completely detached for a sleeker, more compact setup, and an integrated EDID management facilitates improved connectivity with room displays.

The integrated cable management system simplifies installation and maintenance, making it easier to add or remove cables as needed, ensuring a more efficient setup and reducing downtime for device upkeep.

Updated 2025-04-15

Lenovo Services

Lenovo delivers tailored sustainability services, devices, and infrastructure solutions from our broad portfolio, working closely with you to support your target outcomes across the IT lifecycle..



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Accessories

Lenovo Performance FHD Webcam



- It has 1/2.9-inch RGB sensor, 95° lens, and 4x digital zoom. In addition, dual microphones can pick-up your voice from up to 2 meters away.
- Features a range of mounting options, from top-of-monitor to tripod, with wide-angle pan/tilt controls.
- Comes with facial recognition technology and Windows Hello 4.1.

PN: 4XC1D66055

ThinkPad USB-C to 2.5G Ethernet Adapter



- Download, stream, and conference like never before with a connection speed 2.5x faster than traditional gigabit.
- It makes easy work of large data transfers – thanks to its impressive 2.5 Gbps connection.
- Comes with backward compatibility (10/100/1000 Mbps) and LED connection indicators.

PN: 4X91H17795/4X91H67256

ThinkSmart Core Gen 2 for Microsoft Team Rooms

Performance

ComputeUnit [1]
Processor (Two Options):
·(Optional 1) Intel Core Ultra 5 135H, 14C (4P + 8E + 2LPE) / 18T, Max Turbo up to 4.6GHz, 18MB
·(Optional 2) Intel Core Ultra 7 165H, 16C (6P + 8E + 2LPE) / 22T, Max Turbo up to 5.0GHz, 24MB
Operating System:
Windows 11 IoT Enterprise for Collaboration GAC 64
Graphics:
Integrated Intel Arc Graphics. Max Resolution: 3840x2160@60Hz(HDMI 2.1 TMDS)
Chipset:
Intel SoC (System on Chip) platform
Memory:
16GB (2x 8GB) or 32GB (2x 16GB) DDR5 5600 SO-DIMM, Dual-Channel
Storage:
One drive, 256GB SSD
Power Supply:
135W or 170W Adapter, autosensing
Onboard Ethernet:
Gigabit Ethernet, Intel Ethernet Connection I219-LM, 1x RJ45
WLAN + Bluetooth:
Intel Wi-Fi 6E AX211, 802.11ax 2x2 Wi-Fi + Bluetooth 5.3, Intel vPro support
Case Color:
Black
Ports:
· 2x USB-C (USB 10Gbps / 3.2 Gen 2), with 15W power supply and DisplayPort 1.4
· (Optional) 1x USB-C in (USB 5Gbps / USB 3.2 Gen 1), with BYOM and 45W power supply
· 3x USB-A (USB 5Gbps / USB 3.2 Gen 1)
· 1x USB-A (Hi-Speed USB / USB 2.0), with IP controller
· (Optional) 1x HDMI-in
· 2x HDMI-out 2.1 TMDS
· 1x Ethernet (RJ-45)
· 1x Power connector
Preinstalled Software:
Microsoft Teams Rooms
Dimension (WxDxH):
·with cable management with rubber feet: 185 x 220 x 42.8 mm (7.28 x 8.66 x 1.69 inches)
·with cable management without rubber feet: 185 x 220 x 38 mm (7.28 x 8.66 x 1.5 inches)
·without cable management: 185 x 140 x 38 mm (7.28 x 5.51 x 1.5 inches)
Weight:
·with cable management: 1.01 kg (2.23 lbs)
·without cable management: 0.86 kg (1.90 lbs)
Security:
·Discrete TPM 2.0, TCG certified
·Kensington Security Slot
·Supervisor password
·Power-on password
·Hard disk password

[1] *Bring Your Own Meeting(BYOM) mode setting by BIOS setup or by*

Design

Controller*
ThinkSmart Controller
Display:
· 10.1" Display, 1280x800, 10-point touch, up to 340 nits brightness, 16:10 aspect ratio
· 30° and 60° rotatable
· Anti-Fingerprint, Anti-Glare
Ports:
· 1x USB-C
· 1x 3.5mm headphone / mic combo jack
Security:
Kensington MiniSaver Security Slot
Dimension (WxDxH):
265.5 x 13 x 168.1 mm (10.5 x 0.5 x 6.6 inches)
Weight:
753.8 g (1.7 lbs)
Lenovo IP Controller
Display:
· 10.1" Display, 1280x800, 10-point touch, up to 340 nits brightness, 16:10 aspect ratio
· 30° and 60° rotatable
· Anti-Fingerprint, Anti-Glare
Ports:
· 1x Gigabit Ethernet (RJ-45)
· 1x HDMI-in
Security:
Kensington MiniSaver Security Slot
Dimension (WxDxH):
248 x 151 x 100 mm (9.76 x 5.94 x 3.94 inches)
Weight:
0.97 kg (2.16 lbs)

AudioBar*
ThinkSmart Bar 180
Audio:
· 4x Speaker (2x woofer, 2x tweeter)
· 80 Hz to 20 KHz frequency range
Microphone:
· 8x microphone beamforming array
· -37dBFS sensitivity , 100 Hz to 8 KHz frequency range
Camera:
· 3x Camera, Up to 3840 x 1080@30fps, 16:10
· 13 megapixels, Panoramic 4K
· 180° Horizontal FoV, 54° Vertical FoV
Dimension (WxDxH):
650 x 80 x 125 mm (25.6 x 3.1 x 4.9 inches)
Weight:
2.2 kg (4.85 lbs)

ComponentOptions
ThinkSmart Core Gen:
1x ThinkSmart Core Gen 2
ThinkSmart Core Gen 2+CTRL:
1x ThinkSmart Core Gen 2 + 1x ThinkSmart Controller
ThinkSmart Core Gen 2+IPCTRL:
1x ThinkSmart Core Gen 2 + 1x Lenovo IP Controller
ThinkSmart Core Gen 2 FRK:
1x ThinkSmart Core Gen 2 + 1x ThinkSmart Controller + 1x ThinkSmart Bar 180
ThinkSmart Core Gen 2 IPFRK:
1x ThinkSmart Core Gen 2 + 1x Lenovo IP Controller + 1 ThinkSmart Bar 180

Manageability

System Management*
Intel vPro Enterprise

Lenovo services

Base Warranty
3-year limited onsite service

Certifications

Other Certifications
Microsoft Teams Certification

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