OVERVIEW

1. Ethernet (2.5GbE RJ-45, for audio or video device) *	6. Power connector
2. Bring your Own Meeting (BYOM) connector *	7. 2x USB-C (USB 10Gbps)
3. HDMI-in *	8. HDMI-out 2.1 TMDS
4. 3x USB-A (USB 5Gbps), with BYOM	9. Ethernet (RJ-45)
5. USB-A (Hi-Speed USB), with IP Controller	10. HDMI-out 2.1 TMDS

Notes:

- Items with * are only available on selected models

PERFORMANCE

Compute Unit

Compute Unit[1]

Features	Information
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 (Two Options)	(Optional 1) 16GB (2x 8GB) DDR5 5600 SODIMM, Dual-Channel (Optional 2) 32GB (2x 16GB) DDR5 5600 SODIMM, Dual-Channel
Storage	One drive, 256GB SSD M.2 2280 PCIe® 4.0x4 NVMe® Opal 2.0
Power Supply (Two Options)	(Optional 1) 135W 89% Adapter, autosensing, without BYOM (Optional 2) 170W 89% Adapter, autosensing, with BYOM
Onboard Ethernet	Gigabit Ethernet, Intel® Ethernet Connection I219-LM, 1x RJ45 (Optional) 2.5GbE, Realtek® RTL8125BGS-CG, 1x RJ-45
WLAN + Bluetooth®	Intel® Wi-Fi® 6E AX211, 802.11ax 2x2 Wi-Fi® + Bluetooth® 5.3, Intel® vPro® technology support, M.2 Card
Case Color	Black
Rear 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) • (Optional) 1x 2.5GbE Ethernet (RJ-45) • 1x Power connector
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)
BIOS Security	• Supervisor password • Power-on password • Hard disk password
Security Chip	Discrete TPM 2.0, TCG certified
Physical Locks	Kensington® Security Slot™

Notes:

[1] Bring Your Own Meeting(BYOM) mode setting by BIOS setup or by ThinkSmart® Manager Portal

DESIGN

Mechanical

Component Options**

Product	Compute System	Controller	Audio Bar
ThinkSmart® Core Gen 2	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	1x ThinkSmart® Bar 180

Controller

ThinkSmart® Controller

Features	Information
Display	• 10.1" Display, 1920*1200 • 10-point touch • Up to 340 nits brightness • 16:10 aspect ratio • 30° and 60° rotatable • Anti-Fingerprint, Anti-Glare
Ports	• 1x USB-C® (connect to compute unit, 10m USB-C® cable included) • 1x Ultrasound Speaker
Security	Kensington® MiniSaver Security Slot
Dimension (WxDxH)	269.46 x 84.34 x 168.1 mm (10.61 × 3.32 × 6.62 inches)
Weight	811 g(1.79 lbs)

Lenovo® IP Controller

Features	Information
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 • 1x Power Connector (on Link Box) • 1x Gigabit Ethernet (RJ-45, on Link Box) • 1x HDMI® out (on Link Box) • 1x USB-B (on Link Box)
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)

Audio Bar

ThinkSmart® Bar 180

Features	Information
Audio	• 4x Speaker (2x woofer, 2x tweeter) • Stereo audio out • 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
Ports	• 1x USB-C® • 1x USB-A • 1x RJ 45

Dimension (WxDxH)	650 x 80 x 125 mm (25.6 x 3.1 x 4.9 inches)
Weight	2.2 kg (4.85 lbs)

MANAGEABILITY

System Management

System Management

Intel® vPro® Enterprise

SERVICE

Warranty[1]

Base Warranty

3-year limited onsite service

Notes:

[1] The warranty upgrades may be bundled with some models, please check the "Included upgrade" column in the specific model's configurations. For more service extensions, please go to https://smartfind.lenovo.com/. To learn more details of warranty policy, please access https://support.lenovo.com/warrantylookup/warrantypolicy.

ACCESSORIES

Bundled Accessories

Bundled Accessories***

- (Optional) External adapter cage
- (Optional) Lenovo® BYOM Cable for ThinkSmart® Core Gen 2 - USB-C® to USB-C® 3m
- (Optional) Lenovo® BYOM Cable for ThinkSmart® Core Gen 2 - USB-C® to USB-C® 5m (non-Display)
- (Optional) Removable cable management box
- (Optional) VESA mount bracket

CERTIFICATIONS

Other Certifications

Other Certifications

Microsoft® Teams Certification

SOFTWARE

Preinstalled Software

Preinstalled Software

Microsoft® Teams Rooms

- This is a telepresence technology product.
- Feature with ** means that only one option listed under the feature can be configured on selected models. Please refer to the model configuration for specific information.
- Feature with *** means that one or more options listed under the feature can be configured on selected models. Please refer to the model configuration for specific information.
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