

**OVERVIEW**



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

Notes:

- Items with \* are only available on selected models



## PERFORMANCE

### Compute Unit

#### Compute Unit<sup>[1]</sup>

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 SO-DIMM, Dual-Channel (Optional 2) 32GB (2x 16GB) DDR5 5600 SO-DIMM, 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
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	<ul style="list-style-type: none"> <li>• 2x USB-C® (USB 10Gbps / 3.2 Gen 2), with 15W power supply and DisplayPort™ 1.4</li> <li>• (Optional) 1x USB-C® in (USB 5Gbps / USB 3.2 Gen 1), with BYOM and 45W power supply</li> <li>• 3x USB-A (USB 5Gbps / USB 3.2 Gen 1)</li> <li>• 1x USB-A (Hi-Speed USB / USB 2.0), with IP controller</li> <li>• (Optional) 1x HDMI®-in</li> <li>• 2x HDMI®-out 2.1 TMDS</li> <li>• 1x Ethernet (RJ-45)</li> <li>• 1x Power connector</li> </ul>
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	<ul style="list-style-type: none"> <li>• Supervisor password</li> <li>• Power-on password</li> <li>• Hard disk password</li> <li>• Smart USB protection</li> </ul>
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	<ul style="list-style-type: none"> <li>• 10.1" Display, 1280x800</li> <li>• 10-point touch</li> <li>• Up to 340 nits brightness</li> <li>• 16:10 aspect ratio</li> <li>• 30° and 60° rotatable</li> <li>• Anti-Fingerprint, Anti-Glare</li> </ul>
Ports	<ul style="list-style-type: none"> <li>• 1x USB-C® (connect to compute unit, 10m USB-C® cable included)</li> <li>• 1x 3.5mm headphone / mic combo jack</li> </ul>
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

Features	Information
Display	<ul style="list-style-type: none"> <li>• 10.1" Display, 1280x800</li> <li>• 10-point touch</li> <li>• Up to 340 nits brightness</li> <li>• 16:10 aspect ratio</li> <li>• 30° and 60° rotatable</li> <li>• Anti-Fingerprint, Anti-Glare</li> </ul>
Ports	<ul style="list-style-type: none"> <li>• 1x Gigabit Ethernet (RJ-45)</li> <li>• 1x HDMI®-in</li> <li>• 1x Power Connector (on Link Box)</li> <li>• 1x Gigabit Ethernet (RJ-45, on Link Box)</li> <li>• 1x HDMI® out (on Link Box)</li> <li>• 1x USB-B (on Link Box)</li> </ul>
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	<ul style="list-style-type: none"> <li>• 4x Speaker (2x woofer, 2x tweeter)</li> <li>• Stereo audio out</li> <li>• 80 Hz to 20 KHz frequency range</li> </ul>
Microphone	<ul style="list-style-type: none"> <li>• 8x microphone beamforming array</li> <li>• -37dBFS sensitivity</li> <li>• 100 Hz to 8 KHz frequency range</li> </ul>
Camera	<ul style="list-style-type: none"> <li>• 3x Camera</li> <li>• Up to 3840 x 1080@30fps</li> <li>• 16:10</li> <li>• 13 megapixels</li> <li>• Panoramic 4K</li> <li>• 180° Horizontal FoV, 54° Vertical FoV</li> </ul>
Ports	<ul style="list-style-type: none"> <li>• 1x USB-C®</li> <li>• 1x USB-A</li> <li>• 1x RJ 45</li> </ul>
Dimension (WxDxH)	650 x 80 x 125 mm (25.6 x 3.1 x 4.9 inches)

Weight	2.2 kg (4.85 lbs)
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## MANAGEABILITY

### System Management

#### System Management

Intel® vPro® Enterprise

## SERVICE

### Warranty<sup>[1]</sup>

#### 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) Removable cable management box
- (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) 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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