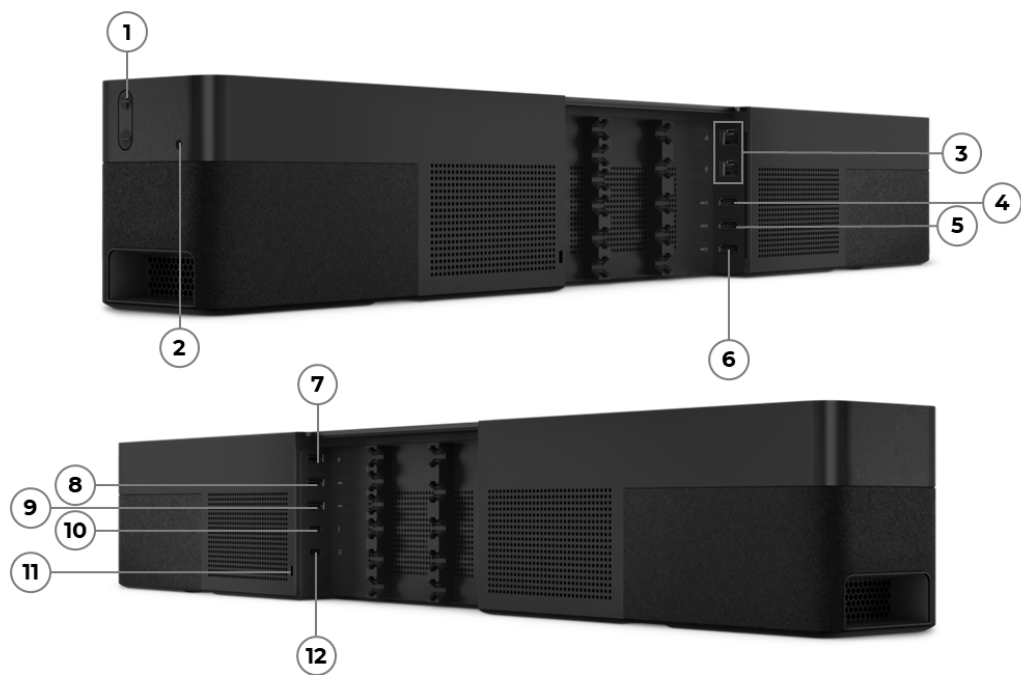


OVERVIEW



1. Volume control toggle	7. DC-in
2. Power / reset button	8. USB 3.2 Gen 1
3. 2x Ethernet (RJ-45)	9. USB 2.0
4. HDMI-in	10. USB-C 3.2 Gen 1 (for ThinkSmart Controller)
5. HDMI 1.4	11. Kensington MiniSaver lock slot
6. HDMI 2.1 TMDs	12. USB-C 2.0

- Notes:
- Items with * are only available on selected models

PERFORMANCE

Processor

Processor Family

11th Generation Intel® Core™ i5 Processor

Processor

Processor Name	Cores	Threads	Max Frequency	Cache	Memory Support	Processor Graphics
Core i5-1145G7E	4	8	4.4GHz ^[1]	8MB	DDR4-3200	Intel® Iris® Xe Graphics

Notes:

[1] Intel® Max Turbo frequency will vary depending on application workload and the hardware and software configurations, see <http://www.intel.com/technology/turboboost/> for more information.

Operating System

Operating System

- Windows® 11 IoT Enterprise
- Windows® 10 IoT Enterprise^[1]

Notes:

[1] Windows® 10 IoT Enterprise is EOL

Graphics

Graphics

Graphics	Type	Memory	Max Resolution	Connector
Intel® Iris® Xe Graphics	Integrated	Shared	3840x2160@30Hz(HDMI® 1.4), 3840x2160@60Hz(HDMI® 2.1 TMDS)	1x HDMI® 1.4, 1x HDMI® 2.1 TMDS

Monitor Support

Monitor Support

Supports up to 2 external monitors via 2x HDMI®

Chipset

Chipset

Intel® SoC (System on Chip) platform

Memory

Max Memory

16GB soldered memory, not upgradable

Memory Slots

Memory soldered to systemboard, no slots, dual-channel

Memory Type

DDR4-3200

Storage

Max Storage Support

One drive, 256GB M.2 2280 SSD

Storage Type

Disk Type	Interface	Security
M.2 2280 SSD	PCIe® NVMe®, PCIe® 3.0 x4	Opal

Multi-Media

Speakers

Stereo speakers, 15W x2, 85+/-3dB sound pressure level (SPL)

Microphone

Eight microphones for 180° audio capture, 6m pickup range, -35dBFS sensitivity

Camera

Field of View: 125 degree (D) / 100 degree (H) / 68 degree (V), video recording 1080p@30fps

Power Supply

Power Supply

Power	Type	Efficiency	Key Features
135W	Adapter	89%	Autosensing

DESIGN

Mechanical

Controller**

Component Name	Display	Sensors	Ports	Key Features
Lenovo® IP Controller	• 10.1" Display, HD (1280x800) • 360 nits brightness • 16:10 aspect ratio • 10-point touch • Anti-Fingerprint, Anti-Glare	Human Presence Sensor	• 1x Gigabit Ethernet (RJ-45) • 1x Kensington® Security Slot™ • 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)	• Wall mountable (For wall mounting, mount kits are needed. The kits are sold separately and coming soon) • 85/85/85/85 viewing angle • 30° and 60° rotatable
ThinkSmart® Controller	• 10.1" Display, HD (1280x800) • Up to 340 nits brightness • 16:10 aspect ratio • 10-point touch • Anti-Fingerprint, Anti-Glare	Human Presence Sensor	• 1x USB-C® (connect to compute unit, 10m USB-C® cable included) • 1x 3.5mm headphone / mic combo jack • 1x Kensington® MiniSaver Security Slot	• 85/85/85/85 viewing angle • 30° and 60° rotatable

LED indicators

- LED Clock on right bottom
- LED RGB Light bar, indicates power and communication states

Dimensions (WxDxH)^[1]

Models	Dimensions
Lenovo® IP controller	248 x 151 x 100 mm (9.76 x 5.94 x 3.94 inches)
ThinkSmart® controller	265.5 x 13 x 168.1 mm (10.5 x 0.5 x 6.6 inches)
ThinkSmart® One (Bar Only)	700 x 89 x 115 mm (27.56 x 3.5 x 4.53 inches)

Weight^[2]

Models	Weight
ThinkSmart® controller	753.8 g (1.7 lbs)
Lenovo® IP controller	Around 0.97 kg (2.16 lbs)
ThinkSmart® One (Bar Only)	Around 3.55 kg (7.83 lbs)

Case Color

Black

Notes:

[1] The system dimensions may vary depending on configurations.

[2] The system weight is approximate and based on results in Lenovo® lab, which varies depending on the source of component, variance of the distribution of each component, and manufacturing process. It may not be the exact weight for each specific model.

CONNECTIVITY

Network

Ethernet

Gigabit Ethernet, 2x RJ-45

WLAN + Bluetooth^[1]

Intel® Wi-Fi® 6E AX210, 802.11ax 2x2 Wi-Fi® + Bluetooth® 5.0, M.2 card

Notes:

[1] Wi-Fi® operation (including Wi-Fi® 6, Wi-Fi® 6E, Wi-Fi® 7, etc.) is subject to the regulatory requirements of each country. Bluetooth® may operate at a lower version than hardware design depending on the factors such as operating system, driver, etc.

Ports^[1]

Rear Ports

- 1x USB-C® 2.0
- 1x USB-C® 3.2 Gen 1 (for ThinkSmart® Controller)
- 1x USB-A 2.0
- 1x USB-A 3.2 Gen 1
- 1x HDMI® 1.4
- 1x HDMI® 2.1 TMDS
- 1x HDMI®-in
- 2x Ethernet (one with vPro®)

Right Ports

Power / reset button

Notes:

[1] The transfer speed of following ports will vary and, depending on many factors, such as the processing speed of the host device, file attributes and other factors related to system configuration and your operating environment, will be slower than theoretical speed.

USB 2.0: 480 Mbit/s;

USB 3.2 Gen 1 (SuperSpeed USB 5Gbps, formerly USB 3.0 / USB 3.1 Gen 1): 5 Gbit/s;

USB 3.2 Gen 2 (SuperSpeed USB 10Gbps, formerly USB 3.1 Gen 2): 10 Gbit/s;

USB4® 20Gbps / USB 3.2 Gen 2x2 (SuperSpeed USB 20Gbps): 20 Gbit/s;

USB4® 40Gbps (USB 40Gbps): 40 Gbit/s;

Thunderbolt™ 3/4: 40 Gbit/s.

Thunderbolt™ 5: 80 Gbit/s (bidirectional), up to 120 Gbit/s in bandwidth boost mode for video-intensive applications.

SECURITY & PRIVACY

Security

Security Chip

Firmware TPM 2.0 integrated in chipset

Physical Locks

- Integrated cable management
- Kensington® MicroSaver® lock Slot

Other Security

Camera privacy shutter

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>.

SOFTWARE

Preinstalled Software

Preinstalled Software

Zoom Rooms (for MT 12BU / 12BV)

- 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.
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