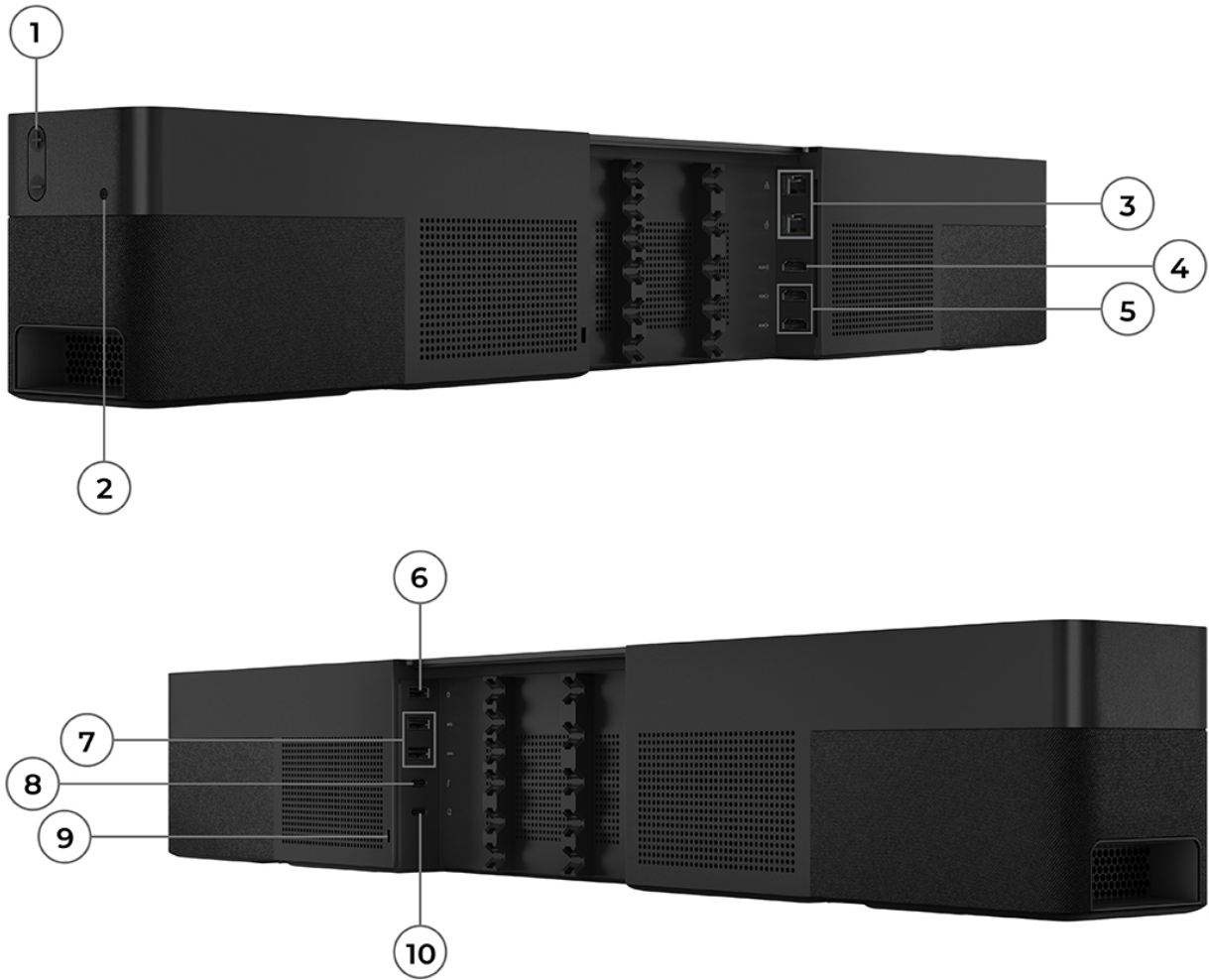# OVERVIEW

1. Volume control toggle	6. DC-in
2. Headphone / microphone combo jack (3.5mm)	7. 2x USB 3.2 Gen 1
3. 2x Ethernet (RJ-45)	8. USB-C 3.2 Gen 1
4. HDMI-in	9. Kensington MiniSaver lock slot
5. 2x HDMI-out	10. USB-C 2.0 (for ThinkSmart Controller)

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

PERFORMANCE

Processor

Processor Family

11th Generation Intel® Core™ i5 Processor

Processor

Processor Name	Cores	Threads	Base Frequency	Max Frequency	Cache	Memory Support	Processor Graphics
Core™ i5-1145G7E	4	8	1.5GHz	4.1GHz[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	Connector	Max Resolution
Intel® Iris® Xe Graphics	Integrated	Shared	2x HDMI®	4096x2304@30Hz(HDMI®)

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

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)

Power Supply

Power Supply

Power	Type	Efficiency	Key Features
135W	Adapter	89%	Autosensing

DESIGN

Mechanical

Controller**

Component Name	Display	Sensors	Multi-touch	Ports	Key Features
Lenovo® IP Controller	• 10.1" Display, HD (1280x800) • 360 nits brightness • 16:10 aspect ratio • Anti-Fingerprint	Human Presence Sensor	10-point touch	• 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)
ThinkSmart™ Controller	• 10.1" Display, HD (1280x800) • Up to 340 nits brightness • 16:10 aspect ratio • Anti-Fingerprint, Anti-Glare • 30° or 60° rotatable	IR sensors for motion detection, up to 3 meters distance and 90° angle	10-point touch	• 1x USB-C® (connect to compute unit, 10m USB-C® cable incluided) • 1x 3.5mm headphone / mic combo jack • 1x Kensington® MiniSaver Security Slot	-

LED indicators

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

Dimensions (WxDxH)[1]

Models	Dimensions
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)
Link Box	210 x 96 x 27 mm (8.27 x 3.78 x 1.06 inches)
Lenovo® IP controller	248 x 151 x 100 mm (9.76 x 5.94 x 3.94 inches)

Weight[2]

Models	Weight
ThinkSmart™ controller	753.8 g (1.7 lbs)
Lenovo® IP controller	Around 0.97 kg (2.16 lbs)

Link Box	Around 212 g (0.45 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®

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

Ports[1]

Rear Ports

- 1x USB-C® 2.0 (display only)
- 1x USB-C® 3.2 Gen 1
- 2x USB 3.2 Gen 1
- 1x HDMI®-in
- 2x HDMI®-out
- 2x Ethernet (one supports POE, one with vPro®)

Right Ports

1x headphone / microphone combo jack (3.5mm)

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.

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://pcsupport.lenovo.com/warranty.

SOFTWARE

Preinstalled Software

Preinstalled Software

Zoom Rooms (for MT 12BU / 12BV)

- This is a telepresence technology product.

- Feature with ** means that only one offering listed under the feature is configured on selected models.

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