Lenovo
EdVision

Smarter classroom design for more productive and engaged learning

A guide to designing the online classroom of the future with Lenovo education solutions powered by Intel® and Microsoft. Complete with multilayered security by Lenovo ThinkShield Intel® Active Management Technology on the Intel vPro® platform.

intel vPRO
Intel vPro® platform

Windows 11
A more focused Start experience

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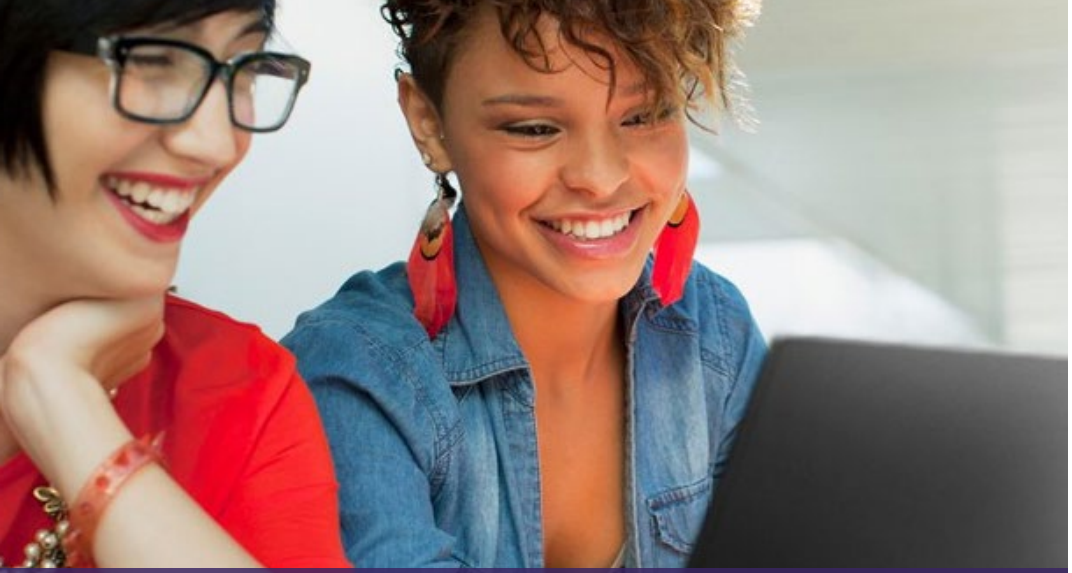

Learning requires technology that creates a safe, accessible, collaborative experience to empower faculty and staff, and inspire students.

Equipping students for a digital future

With the continuous advancement of modern technology, the ways in which people work, play, interact, and socialize, are changing rapidly. The students of today will graduate into a world that is going to be vastly different from anything previous generations have experienced.

Schools now need to ensure that the younger generation of learners are equipped with the necessary technical and soft skills that can help them thrive in life and work, after they leave school.

Intel® Core™ processors

86%

of online teachers want to focus on better interaction between students

Learning without limits

What this means is that modern classrooms must cover a lot of ground. There is a need for greater student-centricity and a heightened focus on learners – to ensure they can realize their fullest potential in a digital future.

The classroom of the future will extend far beyond four walls, and exist in a hybrid space, between physical and digital locations. Technology will be a key enabler to empowering students to collaborate with each other, wherever learning takes place.

Lenovo EDU offers a specially developed portfolio of services, software, and hardware including Smarter devices powered by Intel® Core™ processors and Windows 11 Pro, to make it easy for students and teachers to connect, collaborate and engage from anywhere.

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Smarter learning ahead with Lenovo

Hybrid learning has taken hold. Many schools are now planning to offer a hybrid option to students at nearly all grade levels.

It's time to think about the role technology plays on campus and in hybrid learning.

Lenovo has designed purpose-built higher education solutions for the hybrid classroom to keep IT productive, faculty and staff inspired, and students engaged. We offer a range of solutions to power coursework or lab work in any discipline. From hybrid learning to research to esports, our solutions are simple and reliable, with built-in security made for education and made to work together.

Intel® Core™ processors

Simplified, adaptable solutions for collaborative learning

Learning how to co-create with others is a key skill for life. Collaborative interactions also engage more parts of the brain, which helps to improve learning outcomes in young learners.

Easily create opportunities for students to interact with each other, both inside and outside the classroom, when you combine the wide range of Lenovo collaboration devices and world-class Unified Communications (UC) platforms such as Microsoft Teams.

Engage students wherever they are
with flexible learning tools that pair robust learning devices powered by Intel® Core™ processors and Windows 11 Pro with innovative solutions from our proven partners

Facilitate an immersive environment
to enable learning from anywhere with Lenovo's suite of hybrid classroom solutions including the ThinkSmart family

Purpose-built and easily reconfigurable ecosystems
for a range of classroom sizes, to deliver best-in-class solutions for learning success, whatever the new school day brings

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Lenovo helps you build a Smarter classroom – from start to finish

We partner with customers and value lasting relationships. Every step of the way, we work closely with you to:

- **Assess needs**. Understand the dynamics and trends shaping the higher education landscape today and tomorrow and learn how they affect your specific environment
- **Evaluate options**. Plan wisely to deploy and scale solutions, including our wide range of innovative devices powered by Intel® Core™ processors and Windows 11 Pro, that will deliver the best student, faculty, and staff experiences and improve learning outcomes
- **Customize solutions**. Implement the right education technology for your institution's mission and student population

Smarter collaboration solutions that meet your needs and budget

Implementing the right technology in the hybrid classroom can help create personalized, inclusive, and immersive learning experiences. These elements are key to developing in the students the necessary emotional and cognitive skills in conjunction with academic learning.

Teachers will be able to get up to **30%** more time back, enabling them to focus more resources on what matters most – their students.

Lenovo Smart Collaboration Solution can be customized, based on room size, budget and preferred UC platform. It is also designed to work in both office and online mode. The possibility of repurposing by mixing and matching devices means users can move around and combine devices into other rooms and lecture halls in the future.

Intel® Core™ processors

Classroom Collaboration Kits

ThinkSmart Manager pre-installed		Teaching Booth	Small Classroom	Medium Classroom	Large Classroom
ThinkSmart Core full room kit			●	●	●
ThinkSmart Core & Controller			●	●	●
ThinkSmart Hub			●	●	●
ThinkSmart Cam & Bar		●	●	●	●

For lecture hall or bigger may need A/V system integration

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Collaboration Tools For Online Classroom

Seamless integration with a wide range of Lenovo devices including ThinkPad X1 series powered by up to Intel vPro®, An Intel® Evo™ Design and Windows 11 Pro.

LMS

Blackboard

CANVAS BY INSTRUCTURE

moodle

Office 365 for education

Onedrive | Forms | Excel | Powerpoint | Outlook | Word | Exchange | Teams

API

Teacher

Student

Video Conference Platform

AR/ VR Platforms and Solutions

ThinkReality

VERTIV

uptale.

Teacher

Student

LanSchool

LANSCHOOL AIR

- Device monitoring
- Application control
- Content delivery
- Collaboration tools

intel

- Intel® Threat Detection Technology
- Intel® Active Management Technology
- Intel® Endpoint Management Assistant

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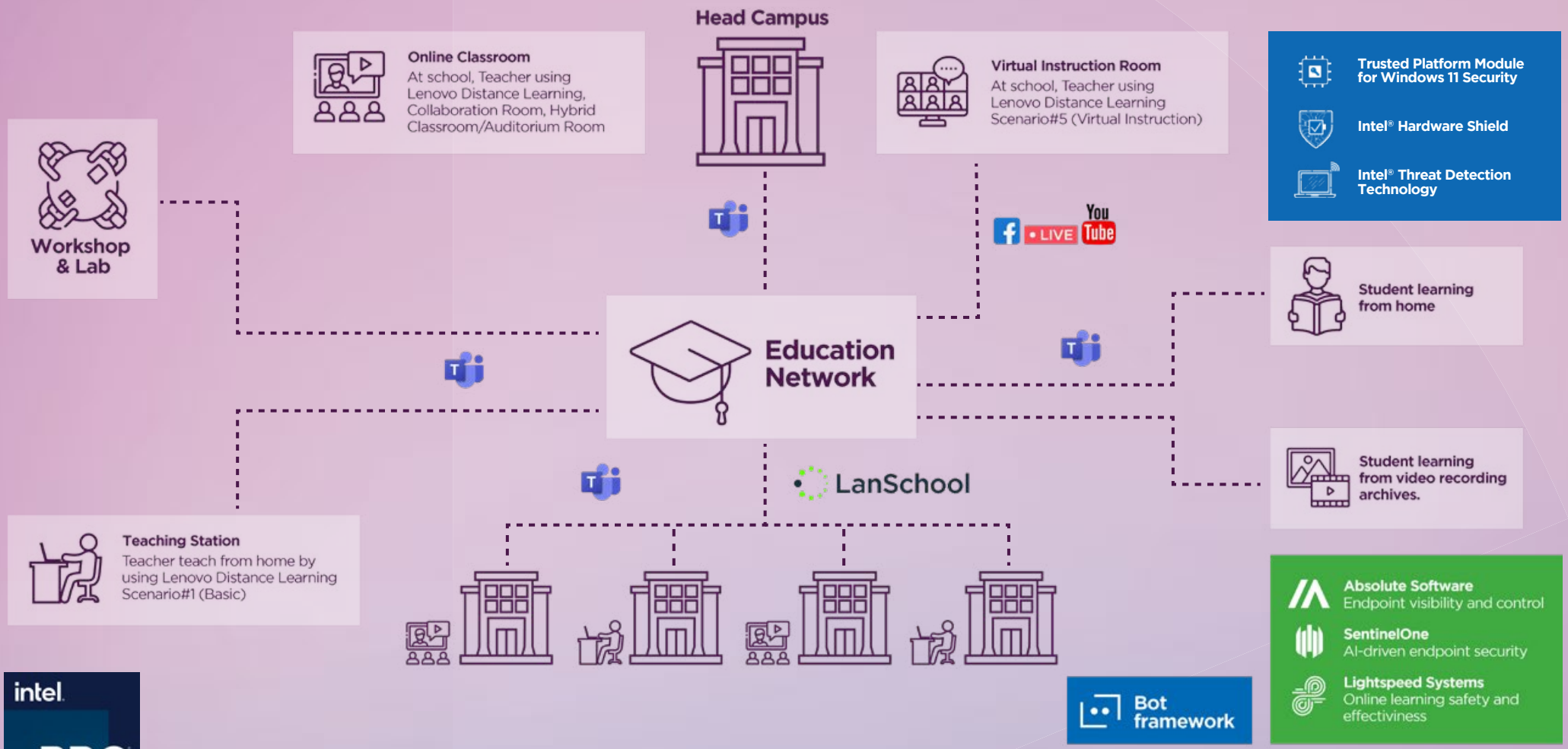
Sample Pictorial Diagram Distance Learning Solution For Campus

Supported by Lenovo education services, software, and smarter devices such as ThinkPad X1 series powered by up to Intel vPro®, An Intel® Evo™ Design and Windows 11 Pro.



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Intel vPro®, An Intel® Evo™ Design

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Lenovo Collaboration Products

ThinkSmart Cam

This enterprise-grade AI smart camera is designed with video collaboration in mind, to transform any room into an immersive, productive space for learning, where everyone feels as if they are in the same room.

Perfect for: Small to large room sizes

- Wide field of view to capture everyone in the classroom
- AI-powered auto-zoom, auto-framing, and active speaker tracking to keep lessons focused
- Whiteboard awareness enables interactivity and collaboration
- Seamlessly integration with common platforms like Microsoft Teams

Full specs >

ThinkSmart Bar

Enterprise-grade sound bar purpose-built with meeting room-based visual collaboration in mind. Comes with four built-in beamforming microphones for an immersive audio and learning experience for students.

Perfect for: Small to large room sizes

- Stereo speakers with built-in subwoofer delivers loudness with clarity
- Four 180-degree wide-angle mics for an immersive audio experience
- Noise cancellation eliminates distracting background noises
- Compatibility with Microsoft Teams makes it a versatile choice for any digital classroom

Full specs >

ThinkSmart Hub Gen 2

Easy to deploy and easy to use, this all-in-one solution helps teachers and students collaborate better from anywhere. Powered by the Intel vPro® platform, it is everything you need to make everyone feel like they're in the room together, even when they're not.

Perfect for: Small to large room sizes

- Collaborate in real-time via video, voice, or chat, and start meetings with just one touch
- 4 full duplex speakers and 4 dual array mics for truly immersive 360-degree sound
- Preloaded with ThinkSmart Manager for easy monitoring, management, and troubleshooting
- Always secure with built-in protection of Lenovo ThinkShield solutions

View specs for MS Teams >

ThinkSmart Core full room kit

One-stop solution powered by 11th Gen Intel® Core™ vPro™ processors with Intel® Iris® Xe graphics. The setup includes the ThinkSmart Core + Controller, ThinkSmart Bar and ThinkSmart Cam, Premier Support plan, as well as premium software for remote manageability, deployment, and more.

Perfect for: Small to large room sizes

- Initiate and control meetings, share content, and collaborate easily with ThinkSmart Controller
- Get personalized support during setup and ongoing maintenance
- Seamless management and customization with the ThinkSmart Manager
- ThinkSmart Core supports multiple audio and visual accessories, and integrated cable management

View specs for MS Teams >

Intel® Core™ i5 vPro® processor

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ThinkSmart One AIO bar

World's first Windows-based all-in-one collaboration bar, purpose-built to facilitate dynamic hybrid collaboration in the digital era of learning and boost student productivity and engagement.

Perfect for: Small to medium room sizes

- Camera, sound, and compute combined in a single device, making installation a breeze
- Share content and run multiple displays easily with 11th Gen Intel® Core™ vPro™ processors
- Enhanced audiovisual experience with stereo speakers, 8 integrated mics, and noise cancellation
- Keep lessons efficient with ThinkSmart Controller's one-touch join function

View specs for MS Teams >

ThinkVision T86, T75 and T65

Delivering uncompromised collaboration for in-room and remote learners thanks to bright 4K displays, integrated whiteboard, built-in speakers, microphones, and a modular webcam.

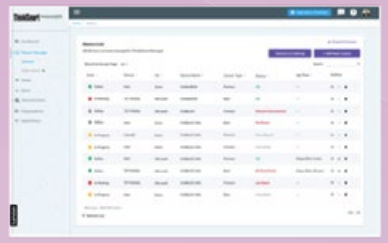
Perfect for: Small to large room sizes

- Simple and intuitive user interface al lows users to quickly access the common applications in class
- Multiple input and output ports so that learners can easily share content
- 8-array microphone and 4K AI-enhanced webcam with 122-degree field of view create an immersive learning space
- Integrated whiteboard software provides a comfortable writing experience

Full specs for ThinkVision T86 >

Full specs for ThinkVision T75 >

Full specs for ThinkVision T65 >



Lenovo ThinkSmart Manager

Streamline your smart collaboration device management with a single console, with seamless remote deployment, setup, configuration, and monitoring of devices linked to the platform.

Perfect for: Small to large room sizes

- View real-time status reports and solve issues before users report a problem
- Hardware-based TPM 2.0 protects each device with Lenovo Secure Authentication
- Prevent unwanted access to a device with remote blocking of USB ports and USB Boot Enable/Disable
- Effortlessly update agent software across multiple devices – from any where

Full specs >

intel CORE vPRO i5

Intel® Core™ i5 vPro® processor

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Basic

Create an efficient and collaborative hybrid learning environment with this easy-to-deploy and space-saving setup for individual learners or teachers, leveraging Lenovo smarter devices powered by Intel® Core™ processors and Windows 11.

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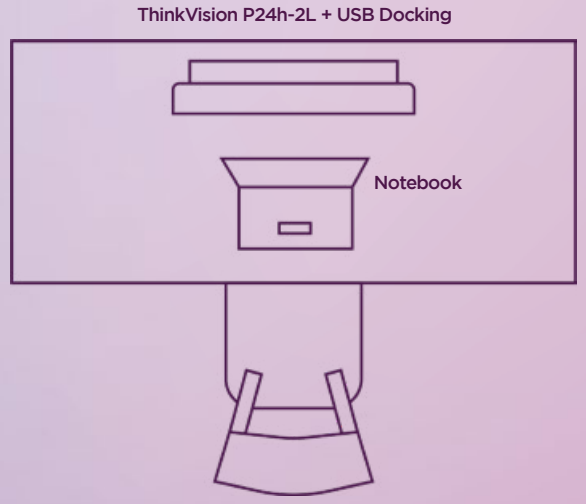
Basic: B1

Improve remote teaching and learning productivity with this compact, single-user setup comprising Lenovo education devices and a wide range of productivity-enhancing accessories.

UC Device
Lenovo Think series PCs powered by Intel® Core™ processors and Windows 11 Pro

UC Platform
Microsoft Teams



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Collaboration Room

Bring smarter collaboration into your digital classroom with dynamic setups, comprising Lenovo smarter devices with Intel® Core™ processors and Windows 11, to suit the unique styles of educators and learners.

Refer to more collaboration room configurations:
techtoday.lenovo.com/us/en/room-configurator

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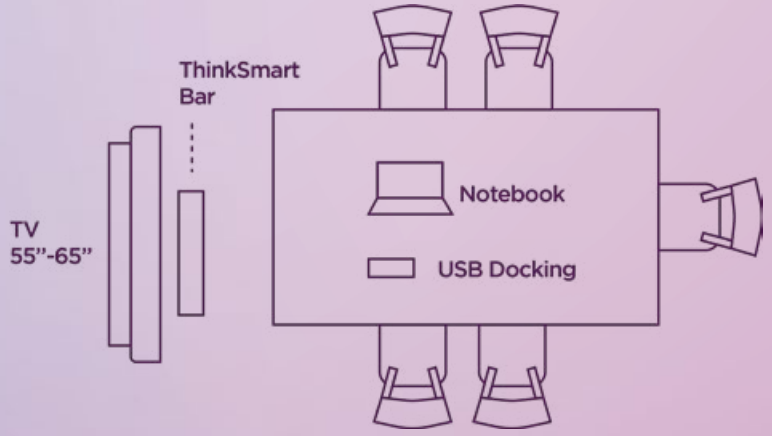
Collaboration Room: C1

Ideal for huddle rooms consisting of 3 to 5 pax, this setup facilitates immersive and focused discussions with the help of ThinkSmart Cam and ThinkSmart Bar to provide a high-quality video and audio experience.

UC Device
Lenovo Think series PCs powered by Intel® Core™ processors and Windows 11 Pro

UC Platform
Microsoft Teams

Advance A/V Integration
None



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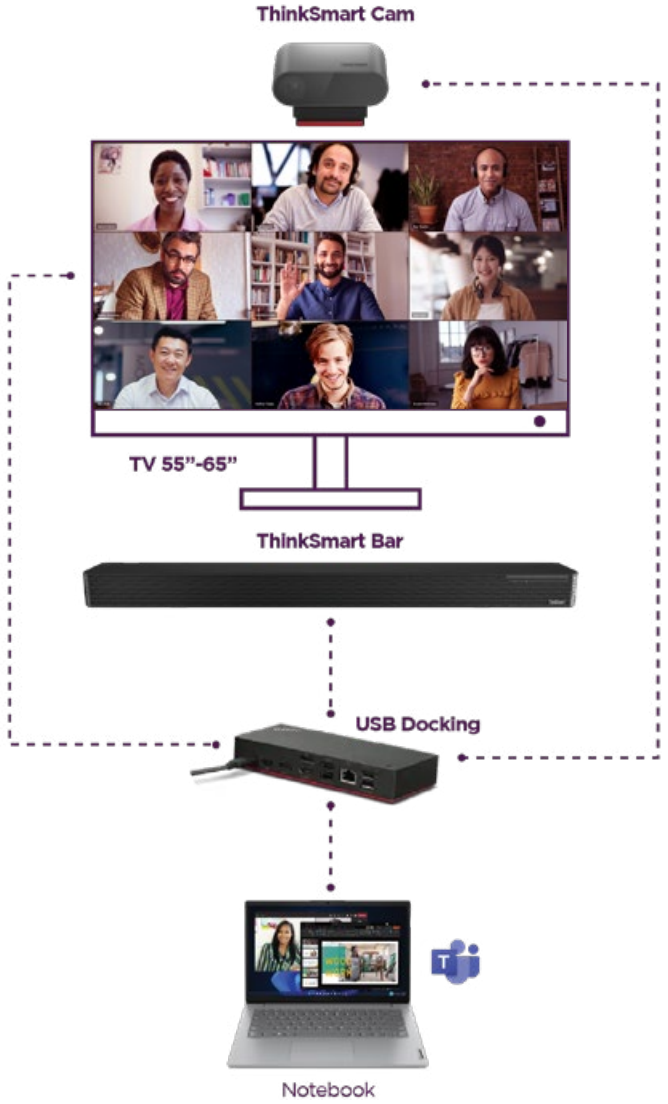

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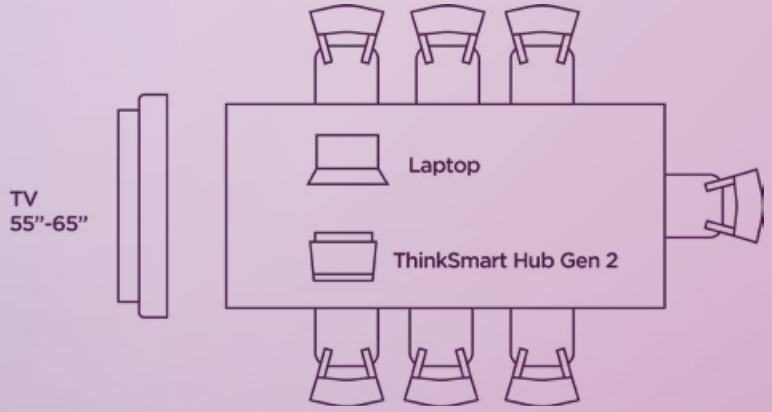
Collaboration Room: C2

Purpose-built for small room sizes with 5 to 8 pax, this setup leverages the ThinkSmart Hub which features the Intel vPro® platform, enabling easy content sharing to help teachers and students collaborate from the classroom with those joining from home.

UC Device
ThinkSmart Hub

Advance A/V Integration
None

UC Platform
Microsoft Teams



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Intel vPro® platform

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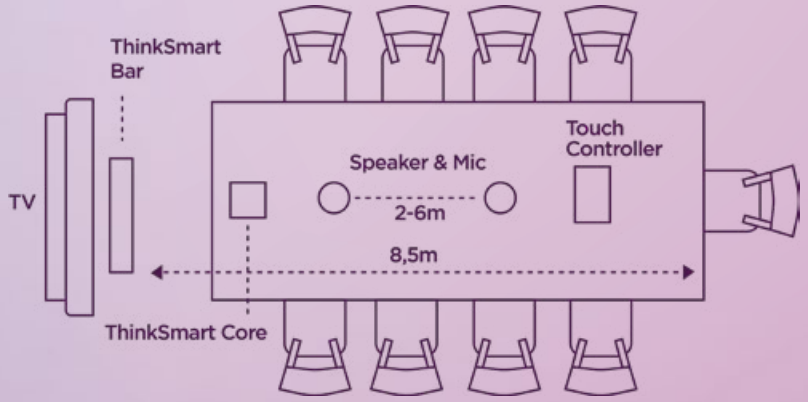
Collaboration Room: C3

Transform any medium-sized classroom into a flexible hybrid environment for 8 to 12 pax, with the ThinkSmart Core Full Room Kit. Powered by 11th Gen Intel® Core™ vPro™ processors with Intel® Iris® Xe graphics, the ready-to-go kit is easy to use and remotely manageable.

UC Device
ThinkSmart Core Full Room Kit

Advance A/V Integration
None

UC Platform
Microsoft Teams



Intel® Core™ i5 vPro® processor

Windows 11

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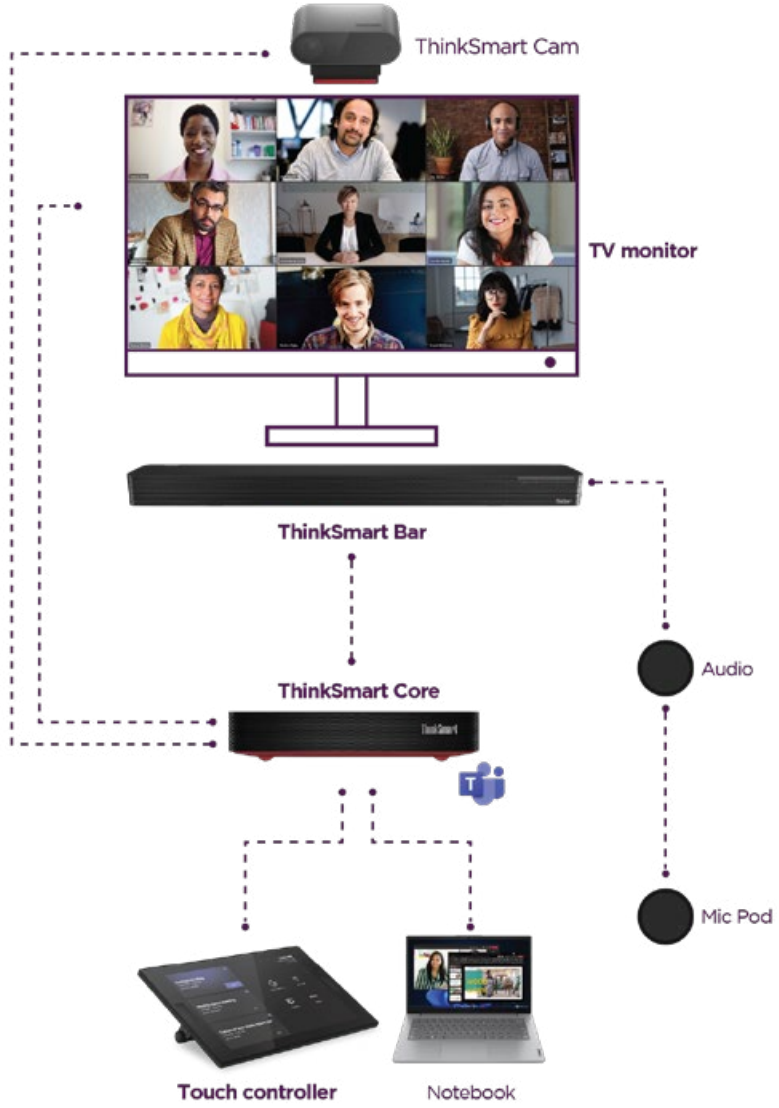

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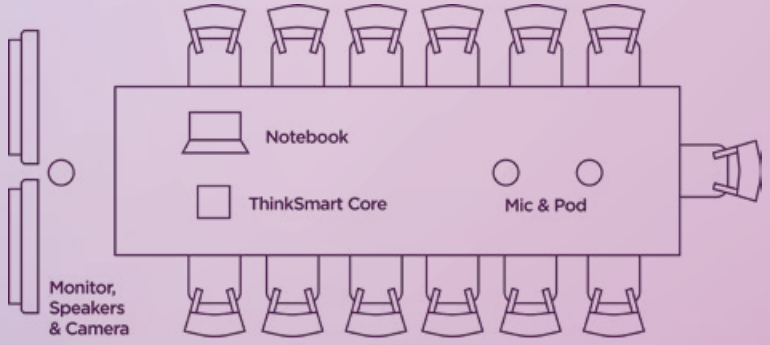
Collaboration Room: C4

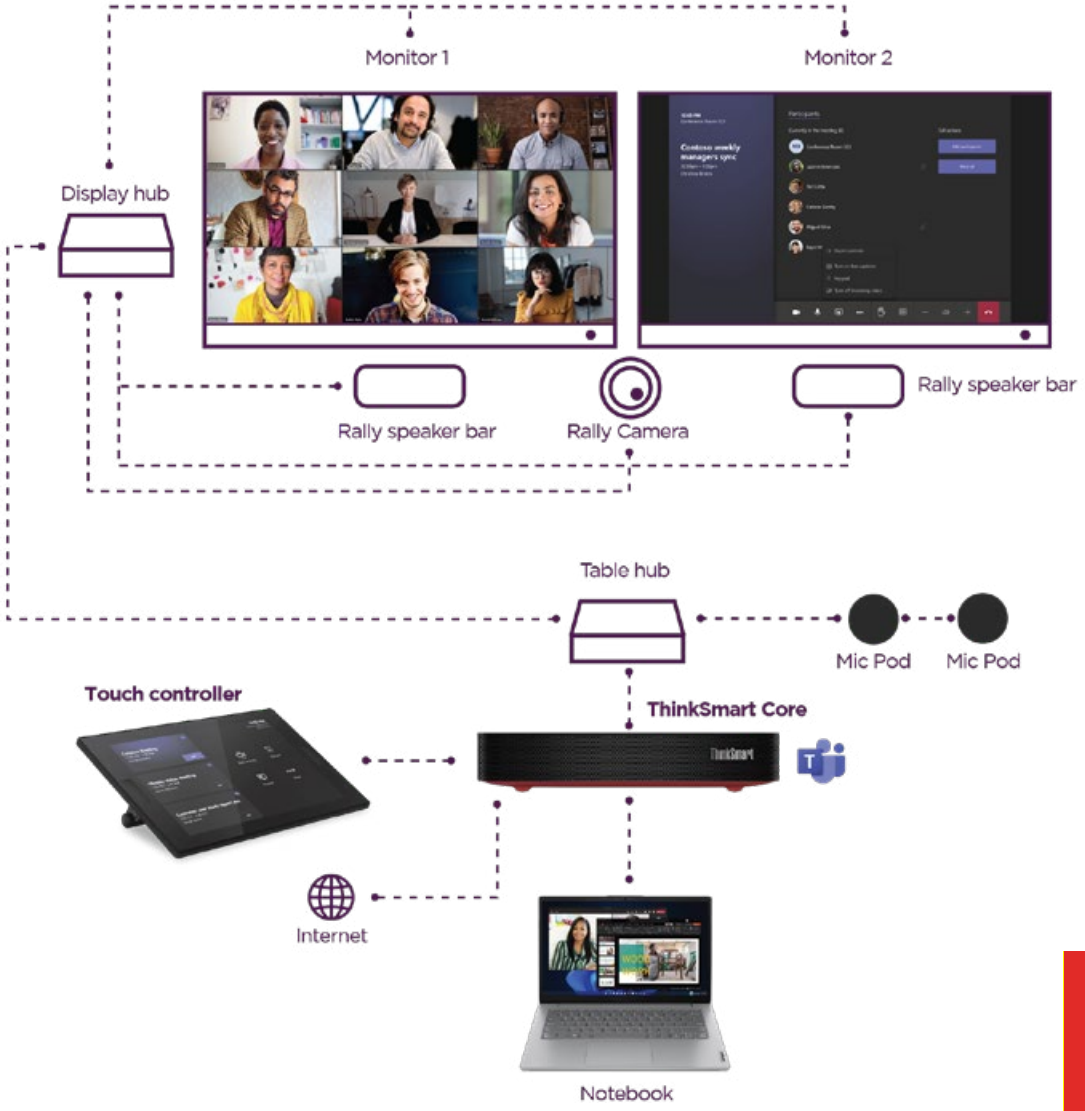
Ideal for medium-sized spaces hosting 12 to 16 pax, this setup combines Smarter collaboration technology with ThinkSmart Core + Controller kit, making it easy for educators and students to connect, share content, and collaborate seamlessly.

UC Device
ThinkSmart Core + Controller Kit

Advance A/V Integration
None

UC Platform
Microsoft Teams





Intel® Core™ i5 vPro® processor

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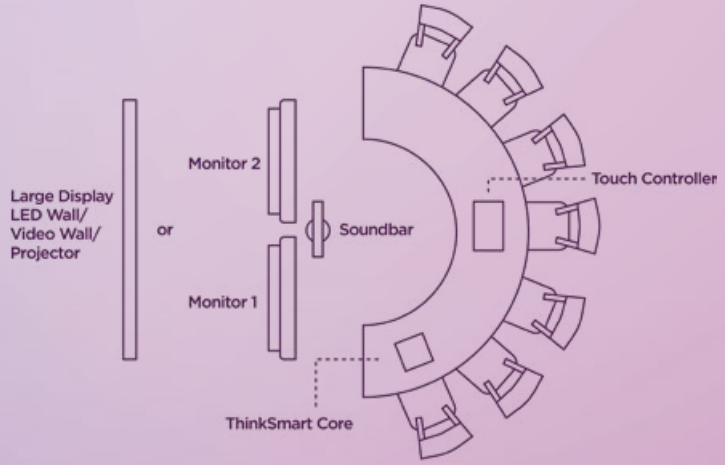
Collaboration Room: C5

Step into an immersive learning space immediately with this setup comprising ThinkSmart Core + Controller Kit and the Jabra PanaCast 50 video bar for professional-grade audio, 180° Panoramic-4K video, and intelligent features like speaker tracking and whiteboard streaming. Suitable for medium-sized or war rooms of 8 to 10 pax.

UC Device
ThinkSmart Core + Controller Kit + Jabra PanaCast 50

Advance A/V Integration
None

UC Platform
Microsoft Teams



Intel® Core™ i5 vPro® processor

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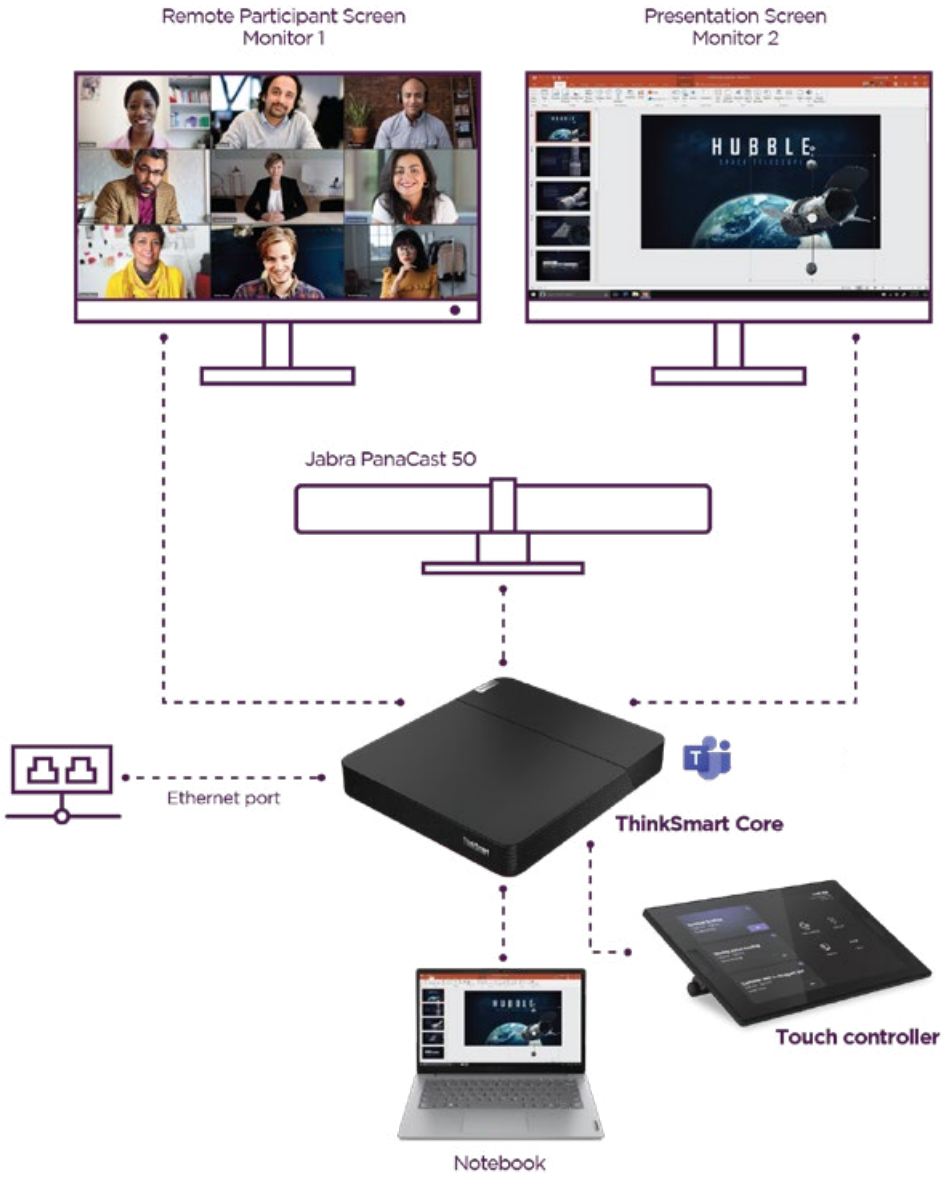

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Professional setup

Deliver engaging and interactive lessons for your students with purpose-built teaching spaces that facilitate knowledge retention, supported by the latest Lenovo devices powered by Intel® Core™ processors and Windows 11.

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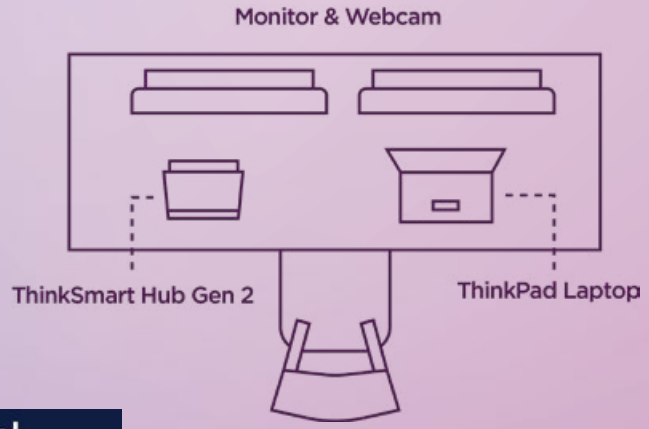
Professional setup: P1

Created especially for teachers, trainers, and even managers, this private training station is intuitive and easy to use. It combines Lenovo smarter collaboration solutions, Think devices such as the ThinkPad X1 series powered by Intel vPro®, An Intel® Evo™ Design and Windows 11 Pro, and classroom equipment to recreate the seamless experience of a physical classroom.

UC Device
ThinkSmart Hub

Advance A/V Integration
None

UC Platform
Microsoft Teams



An Evo Design

Intel vPro®,
An Intel® Evo™ Design

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Hybrid Classroom

Create more immersive and flexible learning environments with adaptable education solutions, including Lenovo devices powered by Intel® Core™ processors and Windows 11, designed to support students in multiple locations.

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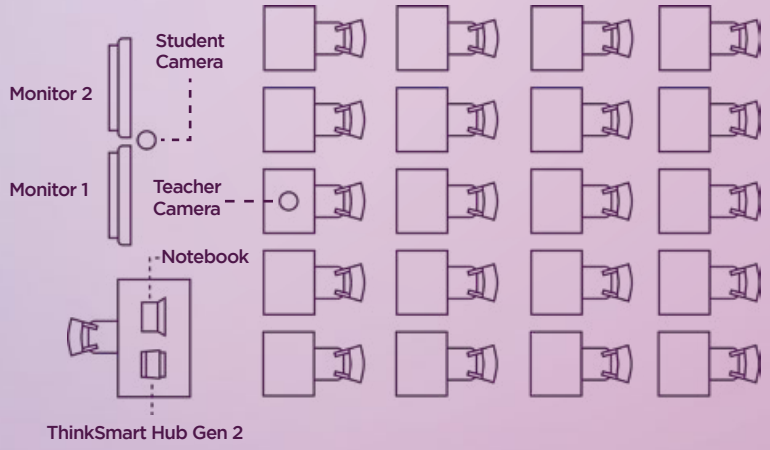
Hybrid Classroom: H1

Increase student engagement even as learning goes hybrid with this purpose-built hybrid classroom environment powered by ThinkSmart Hub built on the Intel vPro® platform, ThinkSmart Cam, and ThinkSmart Bar XL. Ideal for classroom sizes between 100m² to 150m², or 20 to 30 students.

UC Device
ThinkSmart Hub

Advance A/V Integration
None

UC Platform
Microsoft Teams



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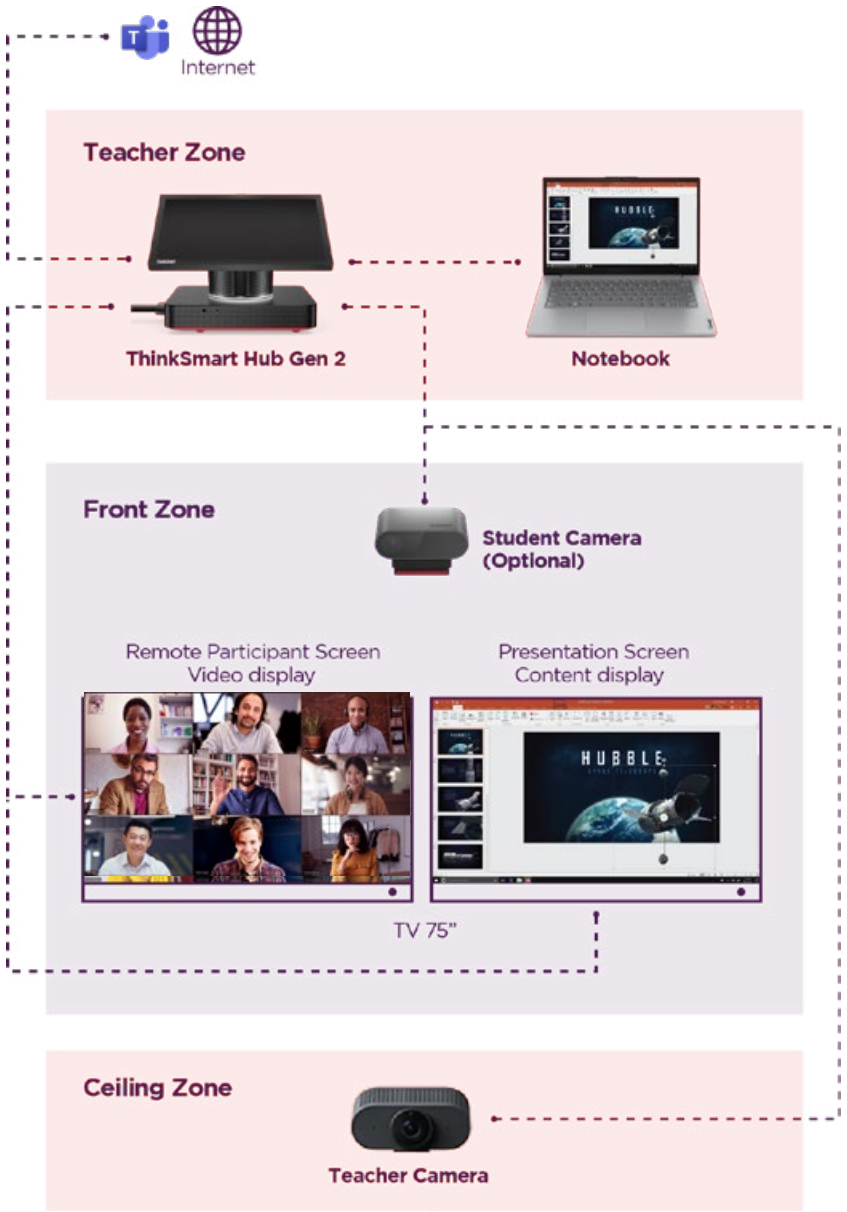

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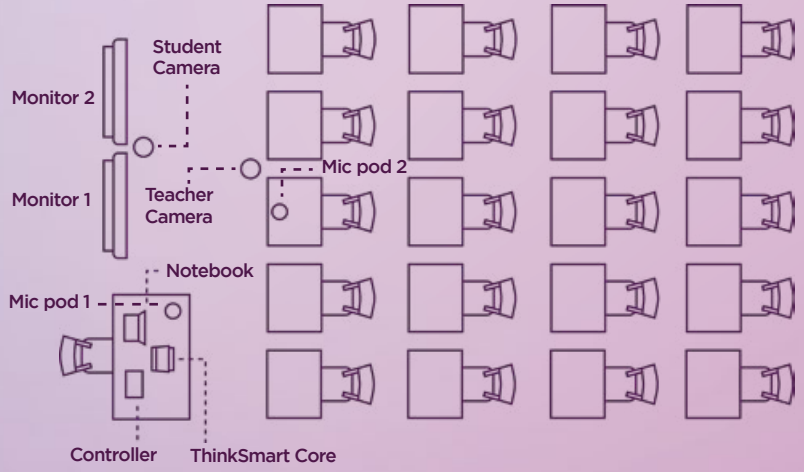
Hybrid Classroom: H2

Perfect for classroom sizes between 100m² to 150m², or 20 to 30 students, this setup is supported by the ThinkSmart Core Full Room Kit powered by 11th Gen Intel® Core™ vPro™ processors with Intel® Iris® Xe graphics. Easily create an interactive classroom that improves student engagement and learning outcomes.

UC Device
ThinkSmart Core Full Room Kit

Advance A/V Integration
None

UC Platform
Microsoft Teams



Intel® Core™ i5 vPro® processor

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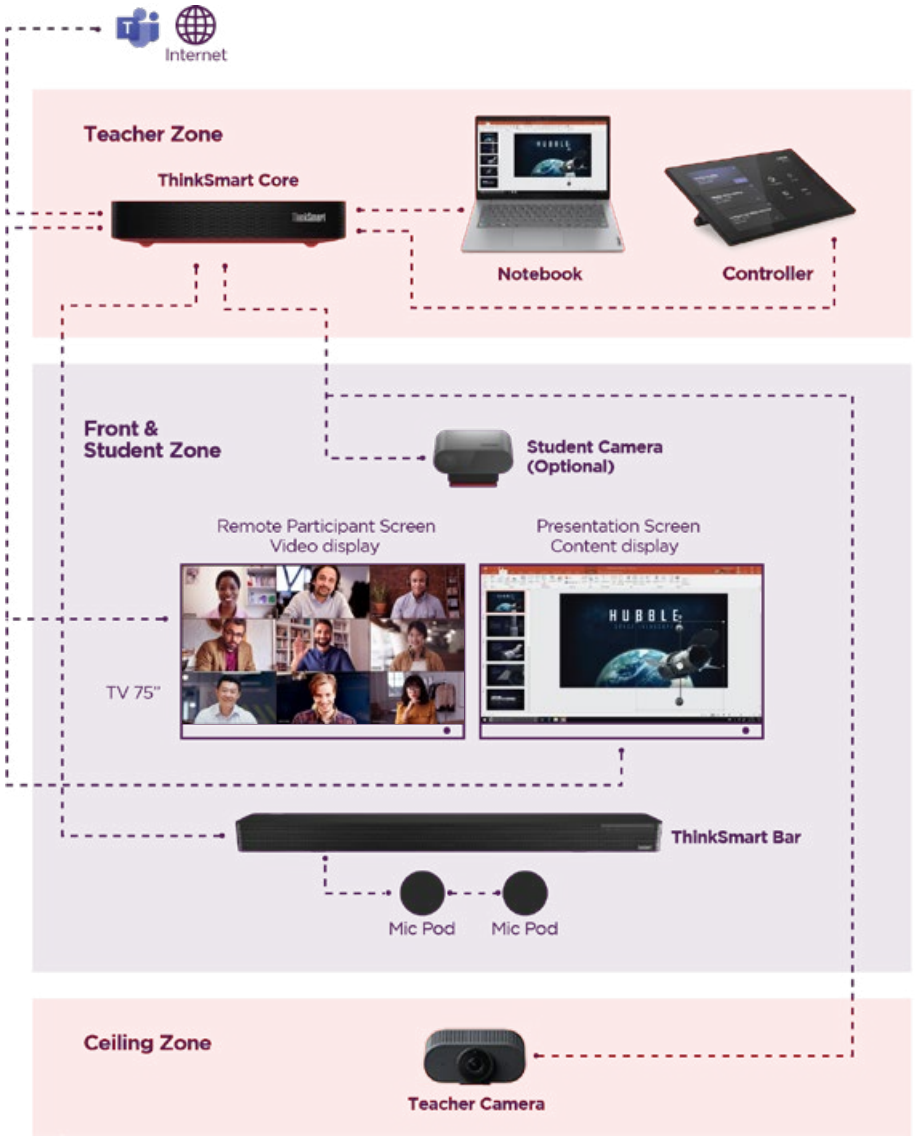

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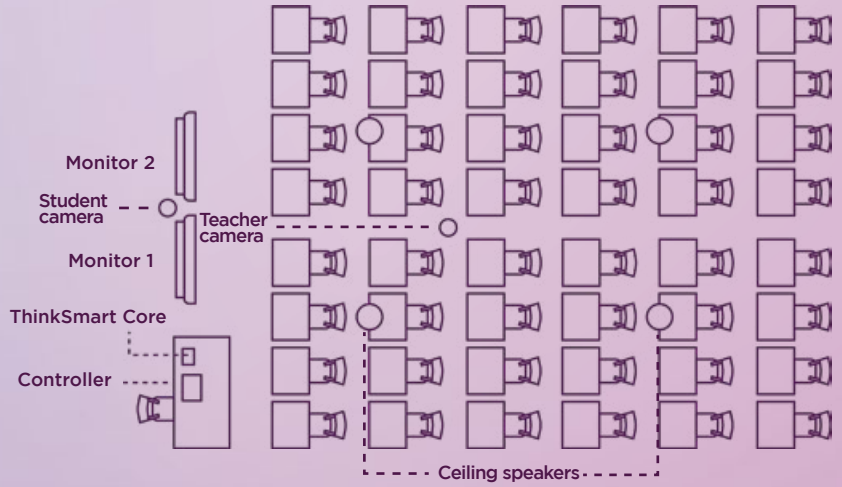
Hybrid Classroom: H3

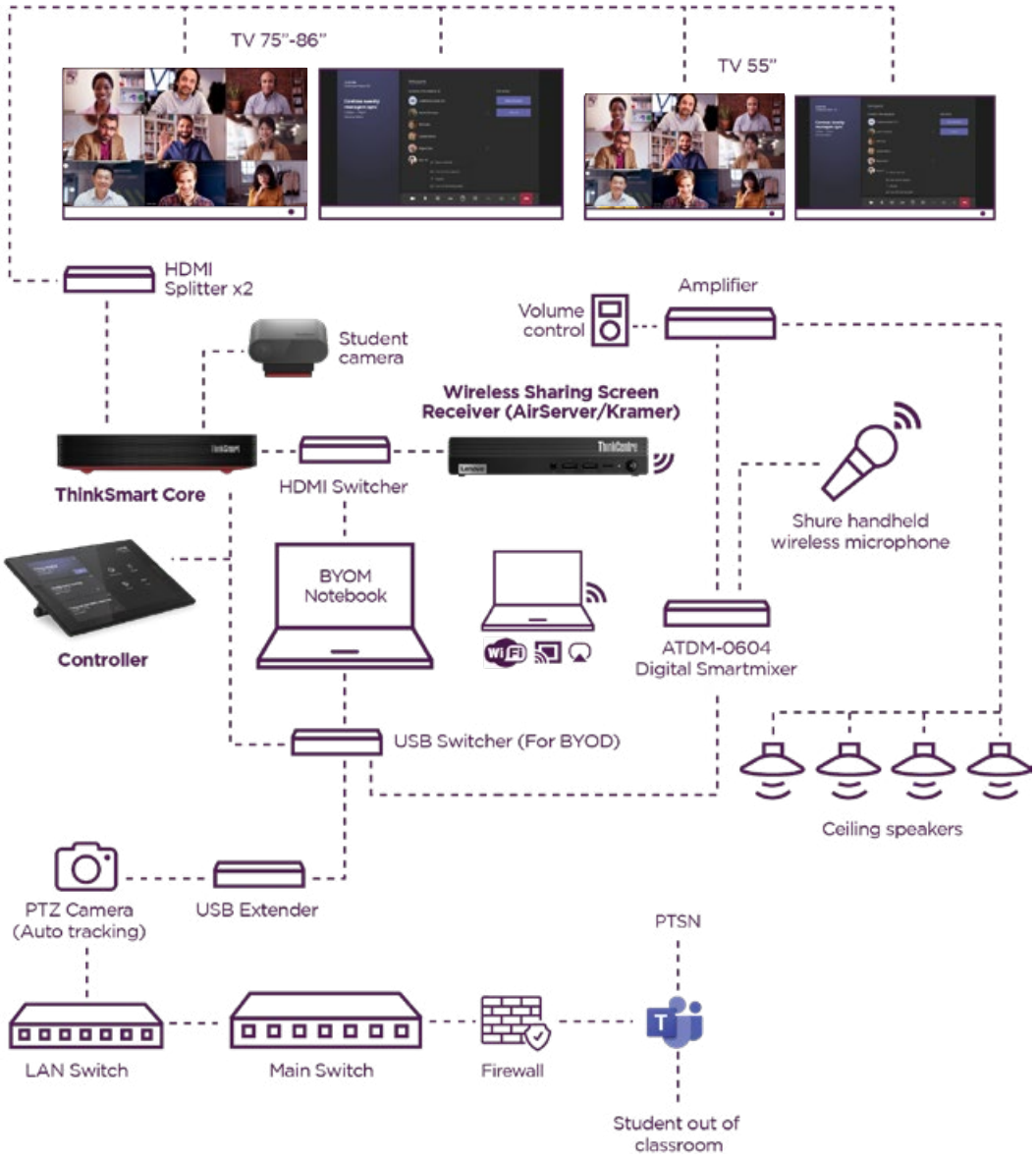
Inspire and engage students with a flexible learning experience powered by the ThinkSmart Core + Controller Kit that has been engineered for convenience and easy sharing of content. Ideal for classroom size of 150m² to 250m² and comprising 30 to 60 students.

UC Device
ThinkSmart Core + Controller Kit

Advance A/V Integration
Yes

UC Platform
Microsoft Teams





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Virtual Instruction

Take distance learning experiences to the next level with green screen-enabled teaching setups, comprising the latest Lenovo devices powered by Intel® Core™ processors and Windows 11, to deliver vivid, immersive lessons that inspire the young minds.

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Virtual Instruction: V1

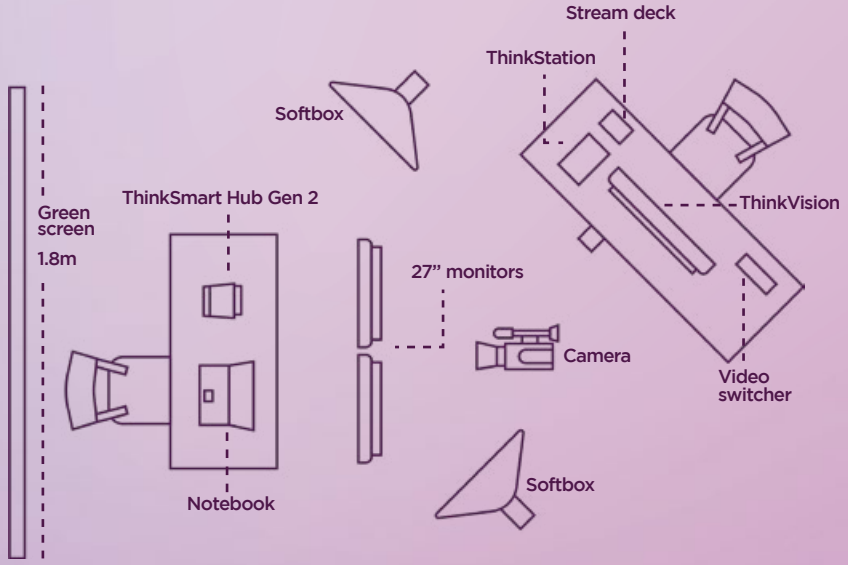
Take your students on a bold, visual learning journey with this virtual instruction setup that comes with green screen support. Leveraging the ThinkSmart Hub that features the built-for-business Intel vPro® platform, this setup is perfect for room sizes between 15m² to 20m².

UC Device
ThinkSmart Hub

UC Platform
Microsoft Teams

Advance A/V Integration
No

Green Screen Size Support
Half body (Sitting)



Intel vPro® platform

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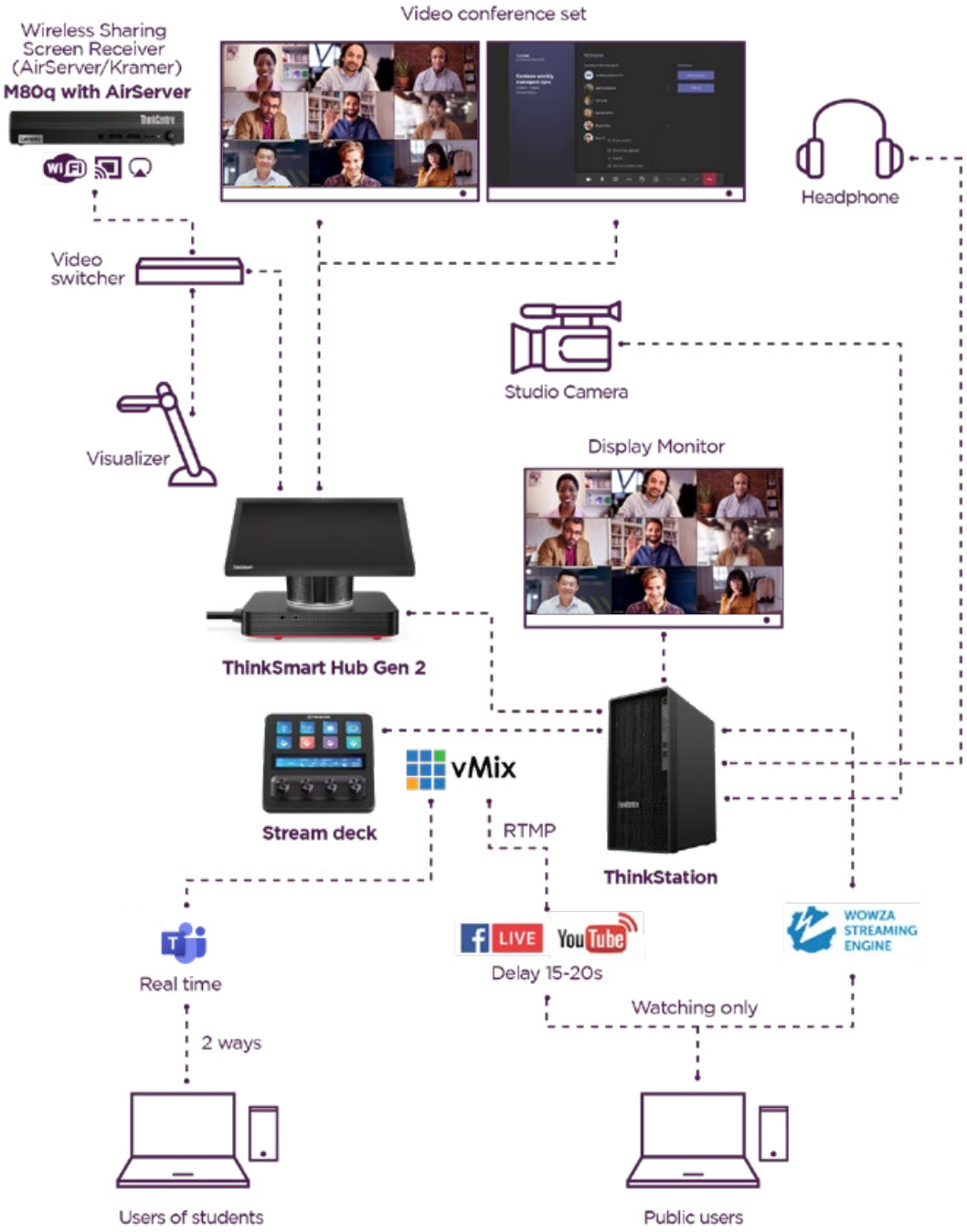

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Movable Kit

Improve hybrid classroom experiences with movable kits, comprising portable Lenovo laptops powered by Intel® Core™ processors and Windows 11 Pro, that enable more comfortable mobile teaching

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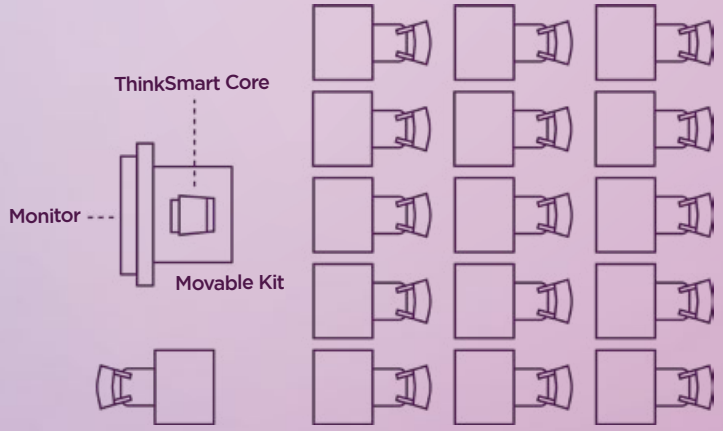
Movable Kit: M1

Developed to meet the needs of teachers who need to constantly move from one room to another when teaching online, this setup enables teachers and learners to be fully engaged and collaborative regardless of where they are located. Ideal for classroom sizes between 36m² to 40m², or about 20 Students.

UC Device
ThinkSmart Core + Controller Kit

Advance A/V Integration
None

UC Platform
Microsoft Teams



Intel® Core™ i5 vPro® processor

Windows 11

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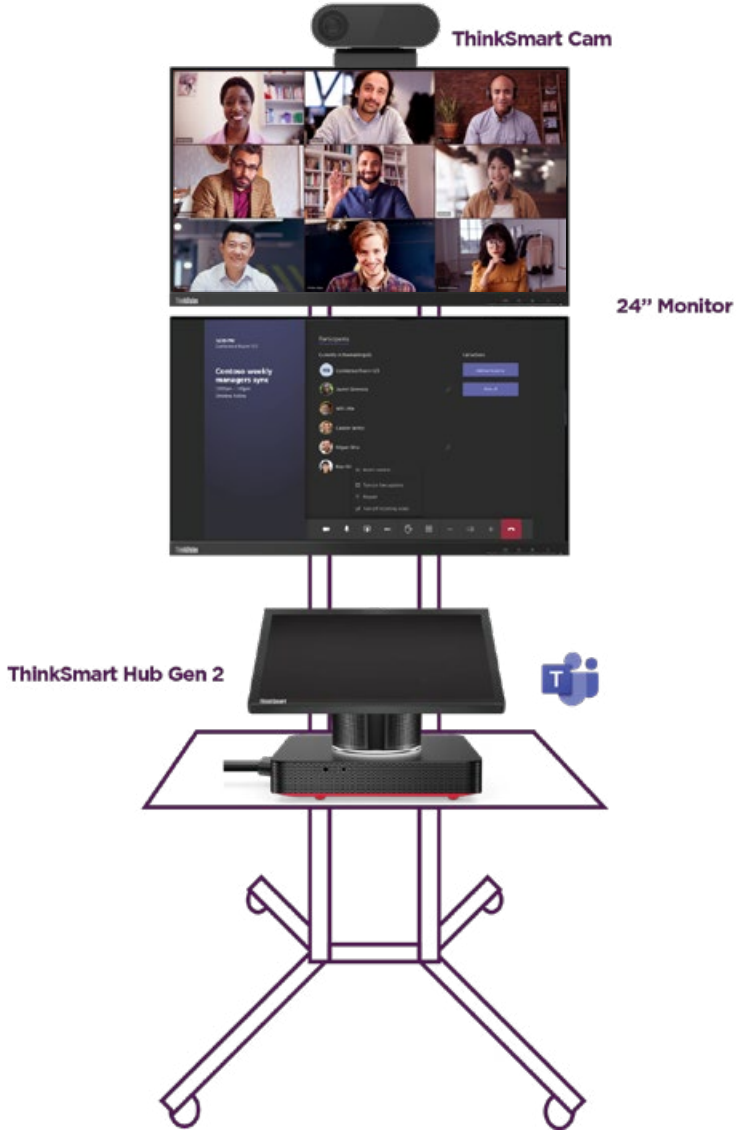


Contact us to learn more

Back to cover

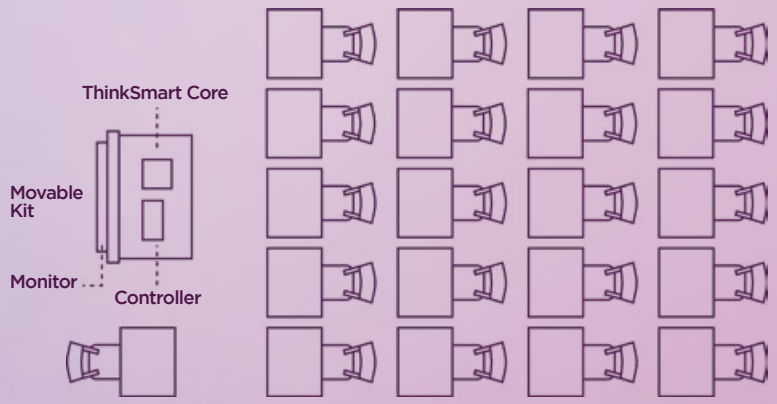
Movable Kit: M2

Developed for classroom sizes between 36m² to 40m², or about 20 students, this setup comprises a 55 inch UHD TV that comes with a stand, and ThinkSmart Core + Controller Kit to enable mobility and help integrate online and offline classrooms with ease.

UC Device
ThinkSmart Core + Controller Kit

Advance A/V Integration
None

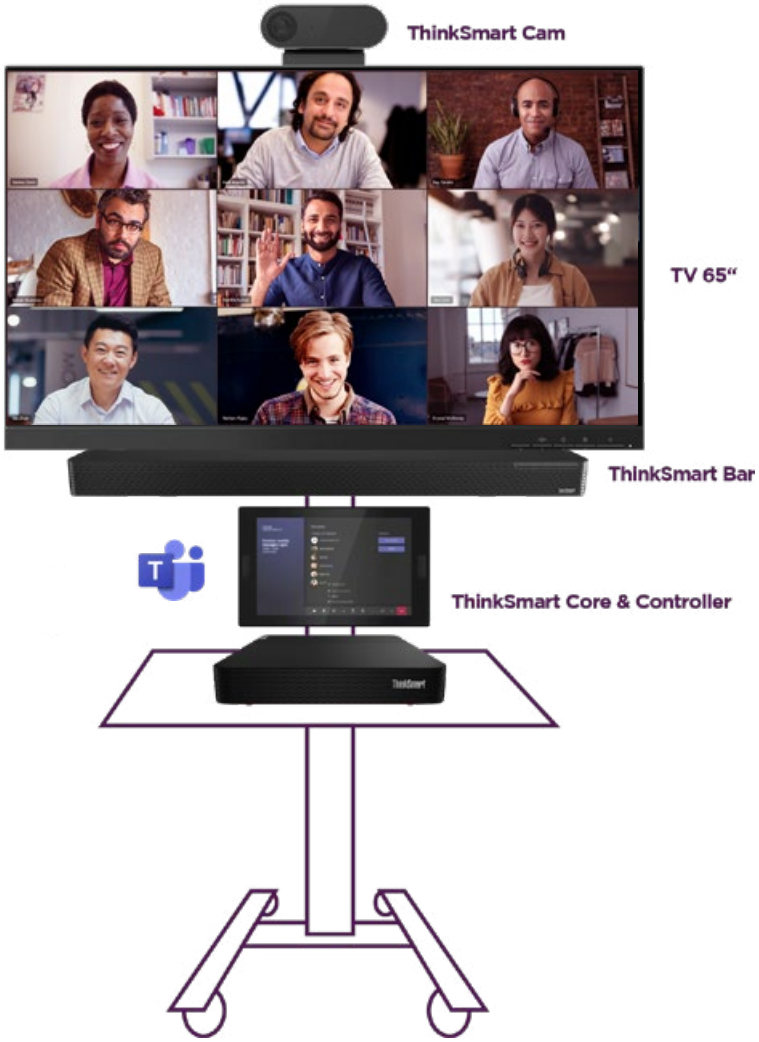
UC Platform
Microsoft Teams



Intel® Core™ i5 vPro® processor

Windows 11

A more focused Start experience



Contact us to learn more

intel vPRO Essentials i5

Intel vPro® Essentials with 12th Gen Intel® Core™ i5 processor

Windows 11

A more focused Start experience

Discover purpose-built solutions for hybrid learning

Lenovo understands that in today's evolving education landscape, it can be challenging to create effective hybrid classroom experiences that enhance learning outcomes – while balancing functionality and budget.

Working together with Intel® and Microsoft, we developed a full range of smarter solutions – comprising services, software, and devices – to engage students, maintain safety and security, and ensure accessibility of technology for all, wherever learning happens.

Download K-12 Buyer's Guide

Download HED Buyer's Guide

Lenovo ThinkBook 15

Lenovo

TruScale Device as a Service (DaaS)

Scale up hybrid learning and implement the latest technologies without heavy burden on cashflow with Lenovo TruScale Device as a Service (DaaS). Easily procure, manage, and ensure a consistent and reliable supply of quality devices including the ThinkPad X1 series powered by up to Intel vPro®, An Intel® Evo™ Design and Windows 11, and supporting solutions for staff and students.

Tailored to your unique needs
Customizable range of services, software, and devices on a flexible, scalable agreement that enables predictable cashflow

Lower total cost of ownership
Pay for what you need, when you need it, and achieve a 1:1 device ratio without making a large up-front investment

End-to-end lifecycle management
Services include configuration, deployment, device management, warranty repairs, and secure asset disposition

Built-for-education devices
Easy-to-use solutions powered by Intel® and protected with ThinkShield to keep faculty and student resources safer, wherever they're working

Eliminate manual IT tasks
Free up IT resources with a consistent support model that improves employee experience

Lenovo Bring Your Own Device (BYOD)

With a 1:1 ratio of students and laptops, schools can better enable deeply personalized and engaging learning that prepares students for lifelong, real-world success.

Lenovo BYOD makes it easier and more cost-effective for education institutions to ensure every learner and teacher has a reliable, dedicated device to unlock the full benefits of hybrid learning.

End-to-end PC solution for students and teachers from device procurement to support, configuration and management by Lenovo

Reduce IT workload and financial burden on schools in purchasing and maintaining a large amount of devices

The latest quality devices powered by Intel® Core™ processors and Windows 11 Pro, purpose-built for education

Fast and seamless implementation supported by Lenovo experts who will provide the technology know how

What's in the package?

- Highly reliable and affordable devices for any type of learners and teachers
  - o All devices covered under Lenovo BYOD Support Program
  - o Fast and seamless after sales support with On-Site Support
  - o Accidental Damage protection
  - o Sealed Battery Warranty
- Preloaded with M365 license agreement and all the school software at factory level
- Special protection case for student
- Managed Services covered under Lenovo Smart Fleet Services for Education (BYOD)

Intel® Core™ processors

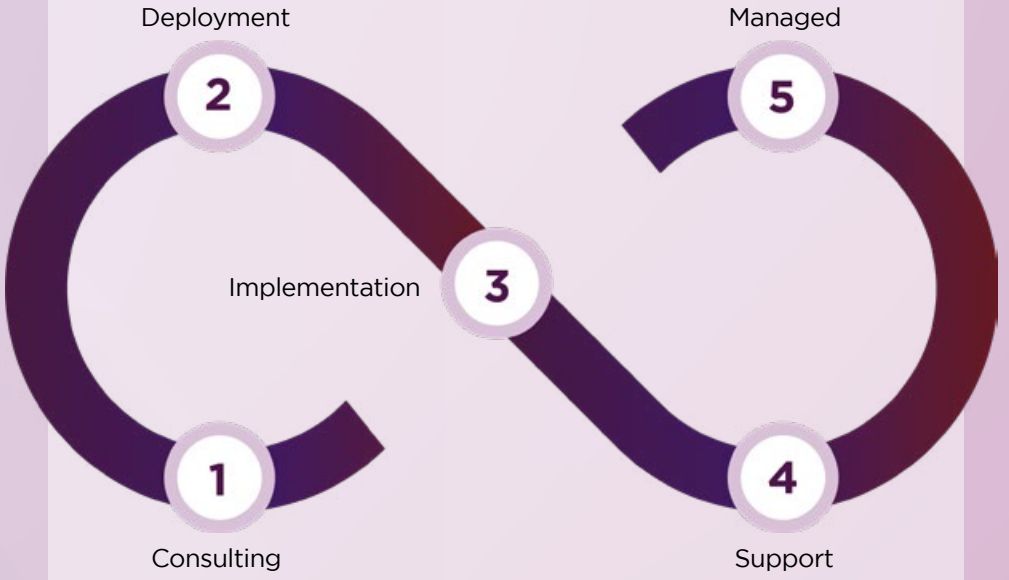
A more focused Start experience

Lenovo Digital Workplace Solutions (DWS) for Education

Create user-centric experiences across your educational institute with Lenovo DWS for Education.

Designed to enhance your power, flexibility and scale – this bold, everything-as-a-service solution comprises a full suite of trusted services, software, and hardware, including the latest Lenovo devices, such as the ThinkPad X1 series powered by up to Intel vPro®, An Intel® Evo™ Design and Windows 11. Easily elevate hybrid learning and teaching – all while enabling IT efficiencies and improving security.

- Digital workplace advisory services
- Persona based configuration
- Collaboration and productivity
- Unified endpoint management
- Service desk
- Security



Security

- Increases the business agility and productivity of education institutions
- Cost optimization and maximizing IT investments
- Elevates student experiences and empowers teacher
- Enhancing security and control of IT environment

intel vPRO
An Evo Design

Intel vPro®,
An Intel® Evo™ Design

Windows 11

A more focused Start experience

Smarter technology for all

Lenovo

Empower students and teachers to connect, collaborate and engage from anywhere with a wide range of Lenovo EDU solutions from Intel® and Microsoft.

Contact a Lenovo EDU specialist to find out more, or visit

edvision.lenovo.com/edvision-program

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