



# The right devices for Education from Lenovo with Microsoft & Intel

June 2024

**Germany**

**Lenovo**  Microsoft  intel

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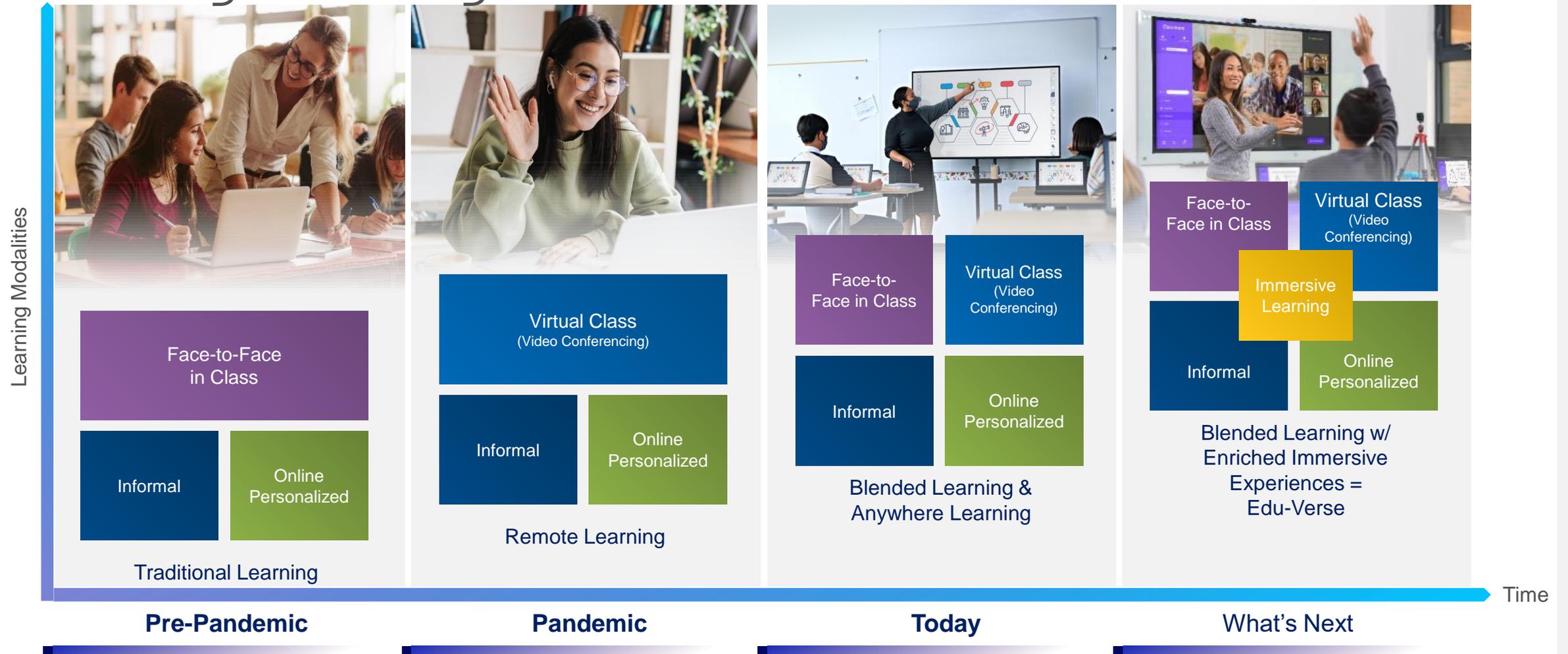
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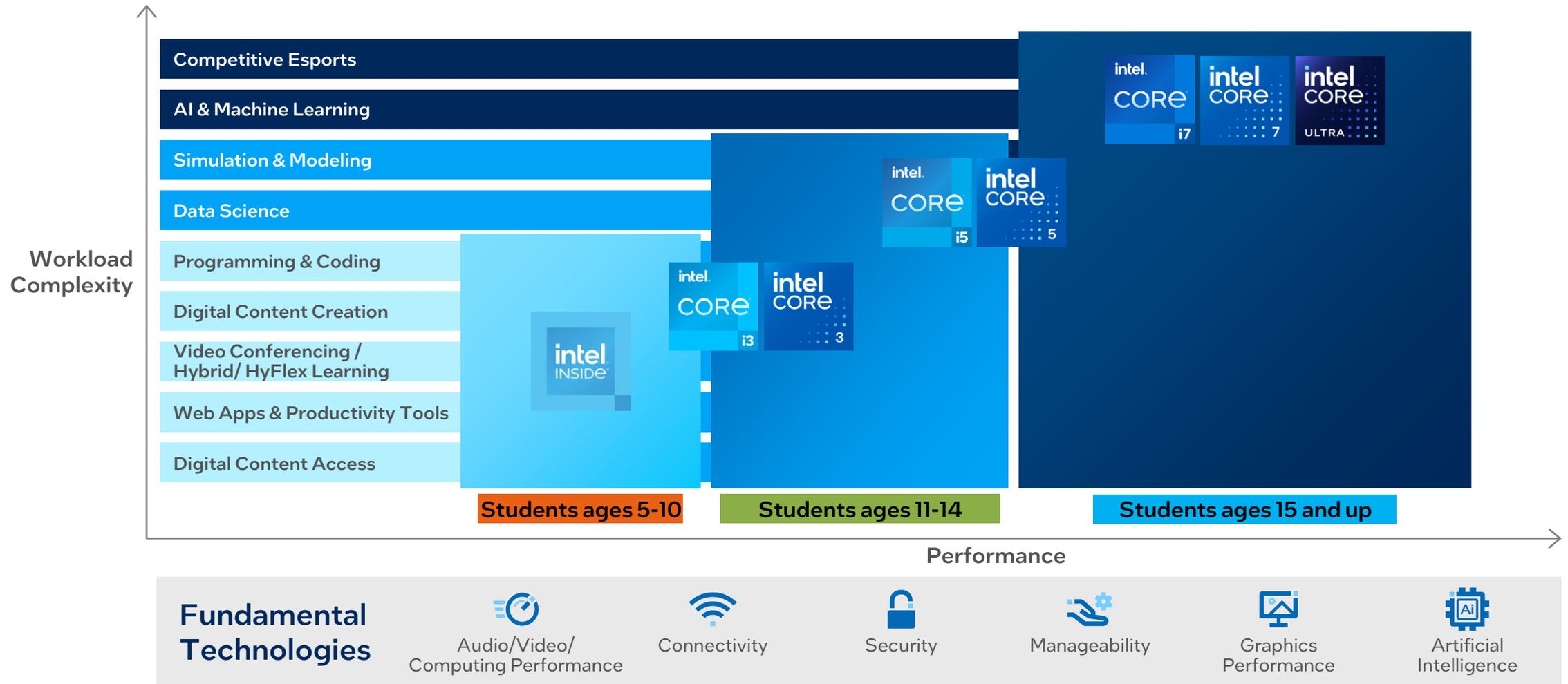
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# Evolving Learning Modalities



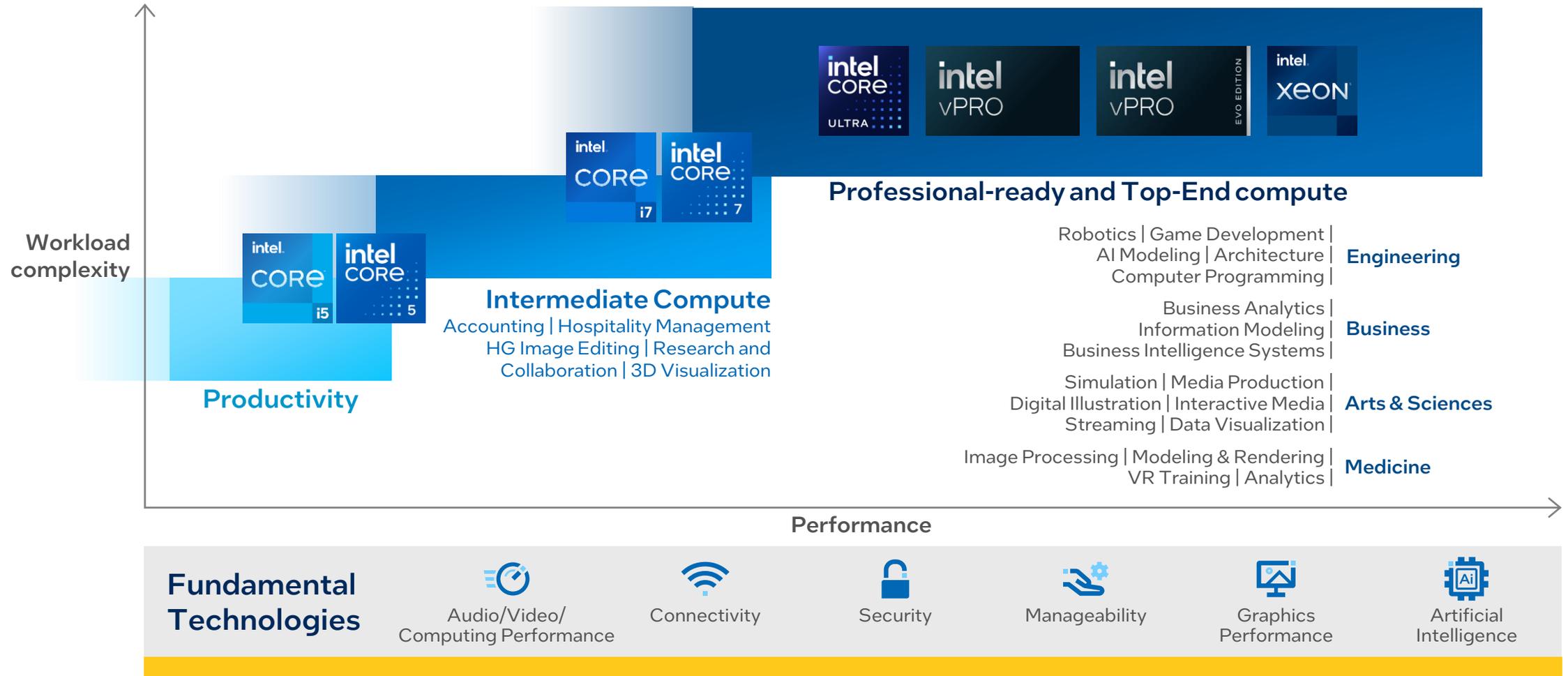
Immersive learning experience future... Increased demand in computing and graphic performance, faster and more reliable connectivity, and longer battery life, resulting in a richer computing experience.

# Intel Delivers a Variety of Choices for All Learners



For Intel vPro® for Windows systems only; OEM enabling varies; not available on ChromeOS. Intel® Core™ Ultra processors specifically recommended for Labs and CET environments

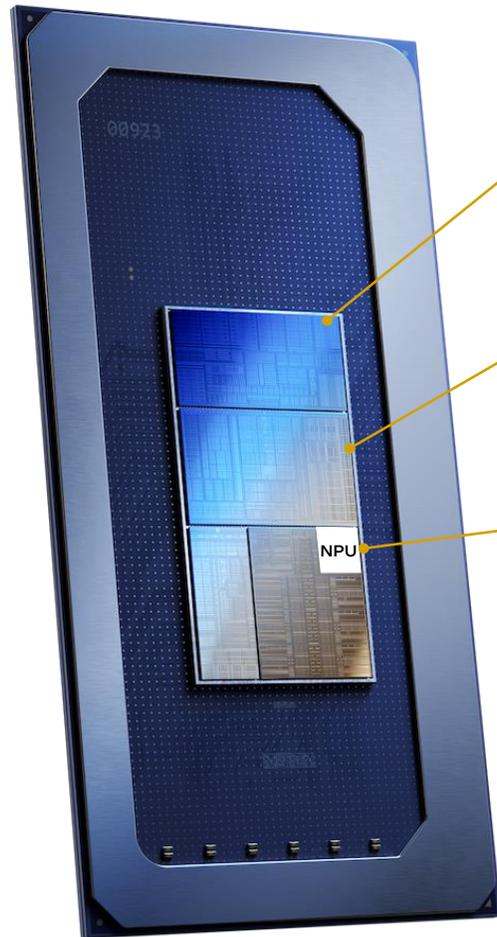
# Intel Delivers a Variety of Choices for Educators



For Intel vPro® for Windows systems only; OEM enabling varies; not available on ChromeOS.

# Intel® Core™ Ultra Processors

First PC platform from Intel with built-in neural processing unit (NPU) for AI optimization of education workloads for today and tomorrow



CPU	<b>Fast Response</b> Ideal for lightweight, single-inference, low-latency AI tasks	
GPU	<b>Performance Parallelism &amp; Throughput</b> Ideal for AI infused in Media/3D/Render pipeline	
NPU	<b>Dedicated Low Power AI Engine</b> Ideal for sustained AI and AI offload	

The right balance of platform power and performance for AI and the right software tools to scale.



# AI PC: Optimized Experiences for Educators and Students

Save Time, Improve Quality, Experience New Ways of Working

## Educators

AI Eye Tracking



**tobii**

AI Avatars



**Faceunity Technology**

Personalized Learning



**Khan Academy**

## Educators + Students

Developer Tools



**web neural network**  
**MATLAB**  
**WebNN**

Video Collaboration



**zoom**  
Microsoft Teams  
**webex**  
by CISCO

Video Editing



**Adobe** **MAGIX**  
**ByteDance** **wondershare**

Text to Image



**Stable Diffusion** **gimp**

AI Image Indexing



**mylio**

Music Separation & Voice to Text



**Audacity**

Optimized LLMs



**stability ai** **LLAMA 2**

Gesture Controls



**IQIYI**

3D Rendering



**AUTODESK**  
**D5 RENDER**

Graphic Design



**KRITA**  
**Distinct AI** **Adobe**

Video Streaming



**XSplit**

Game Upscaling



**XeSS**

Photo Editing



**TOPAZ LABS**  
**SKYLUM software** **Adobe**

Personal Assistant



**Microsoft**

AI Accessibility



**OMNIBRIDGE** **Windows**

Workstation



**Adobe**  
**AUTODESK**

AI Audio Enhancement



**krisp**  
**intelliGo Technology Inc.** **WAVES**

Data Visualization





## Base – Solutions available for: Students (ages 6-10)

Device		CPU	OS	Design	Memory	Display	Wi-Fi	Graphics	SSD	Battery	vPro	Sysmark 25	CrossMark	UL Procyon	Launch/Available in
Lenovo 300w Yoga Gen 4		Intel Processor N100 (Q1'23)	Windows 11 OS	2-in-1 mit Stift	8 GB	11,6" touch 1366x768	Intel® Wi-Fi® 6	Intel® UHD Graphics	128 GB	47Wh	Nein				Erhältlich ab: Q1/23 82VM000HGE Deutschland
Lenovo 500w Yoga Gen 4		Intel Processor N200 (Q1'23)	Windows 11 OS	2-in-1 mit Stift	8 GB	12,2" touch 1920x1200	Intel® Wi-Fi® 6	Intel® UHD Graphics	128 GB	47Wh	Nein				Erhältlich ab: Q2/23 82VQ0001GE Deutschland

## Good – Solutions available for: Students (ages 10-14)

Device		CPU	OS	Design	Memory	Display	Wi-Fi	Graphics	SSD	Battery	vPro	Sysmark 25	CrossMark	UL Procyon	Launch/Available in
ThinkPad E14 Gen 4		Intel® Core™ i3 1215U (Q1'22)	Windows 11 OS	Clamshell	8GB	14" 1920x1080 Non-Touch	Intel® Wi-Fi® 6	Intel® UHD Graphics	256GB	57Wh	Nein				Erhältlich ab: Q2/22 821E3004XGB Deutschland
ThinkPad E14 Gen 5		Intel® Core™ i3 1315U (Q1'23)	Windows 11 OS	Clamshell	8GB	14" WUXGA 1920x1200 Non-Touch	Intel® Wi-Fi 6 BT 5.1	Intel® UHD Graphics	256GB	57Wh	Nein				Erhältlich ab: Q2/23 21JK0062GB Deutschland

## Better – Solutions available for: Students and Teachers (age 15+ years / digital competence building)

Device		CPU	OS	Design	Memory	Display	Wi-Fi	Graphics	SSD	Battery	vPro	Sysmark 25	CrossMark	UL Procyon	Launch/Available in
ThinkBook 14 G4 IAP		Intel® Core™ i5 1235U (Q1'22)	Windows 11 OS	Notebook	8 GB	14" Non touch 1920x1080	Intel® Wi-Fi® 6	Intel® Iris® Xe Graphics	256GB	45Wh	Nein				Erhältlich ab: Q2/22 21DH000KGE Deutschland
IdeaPad Duet 5 121RU8		Intel® Core™ i5 1335U (Q1'23)	Windows 11 OS	2-in-1 mit Stift	16 GB	12.4" touch 2560x1600	Intel® Wi-Fi® 6	Intel® Iris® Xe Graphics	512 GB	50Wh	Nein				Erhältlich ab: Q2/23 83B30047GE Deutschland

## Best – Solutions available for: Teachers and Students (advanced use)

Device		CPU	OS	Design	Memory	Display	Wi-Fi	Graphics	SSD	Battery	vPro	Sysmark 25	CrossMark	UL Procyon	Launch/Available in
ThinkPad E14 Gen 5		Intel® Core™ i7 1355U (Q1'23)	Windows 11 OS	Notebook	16 GB	14" (1920x1200) Non-touch	Intel® Wi-Fi® 6	Intel® Iris® Xe Graphics	512GB	57Wh	Nein				Erhältlich ab: Q2/23 21JK000GGE Deutschland
ThinkPad E14 Gen 6		Intel® Core™ Ultra 5 125U (Q4'23) NPU	Windows 11 OS	Notebook	16GB	14" WUXGA (1920x1200) Non-touch	Intel® Wi-Fi 6E BT 5.3	Integrated Intel® Graphics	512 GB	57Wh	No				Erhältlich ab: Q1/24 21M7002GGB Deutschland
ThinkPad X1 2-in-1 Gen 9		Intel® Core™ Ultra 7 165U (Q4'23) NPU	Windows 11 OS	2-in-1	16GB	14" WUXGA (1920x1200) Touch. Pen	Intel® Wi-Fi 6E BT 5.3	Integrated Intel® Graphics	512 GB	57Wh	vPro Enterprise				Erhältlich ab: Q1/24 21KE004CGB Deutschland

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