



The right devices for Education from Lenovo with Microsoft & Intel

September 2024

Italy

Lenovo



Microsoft

intel

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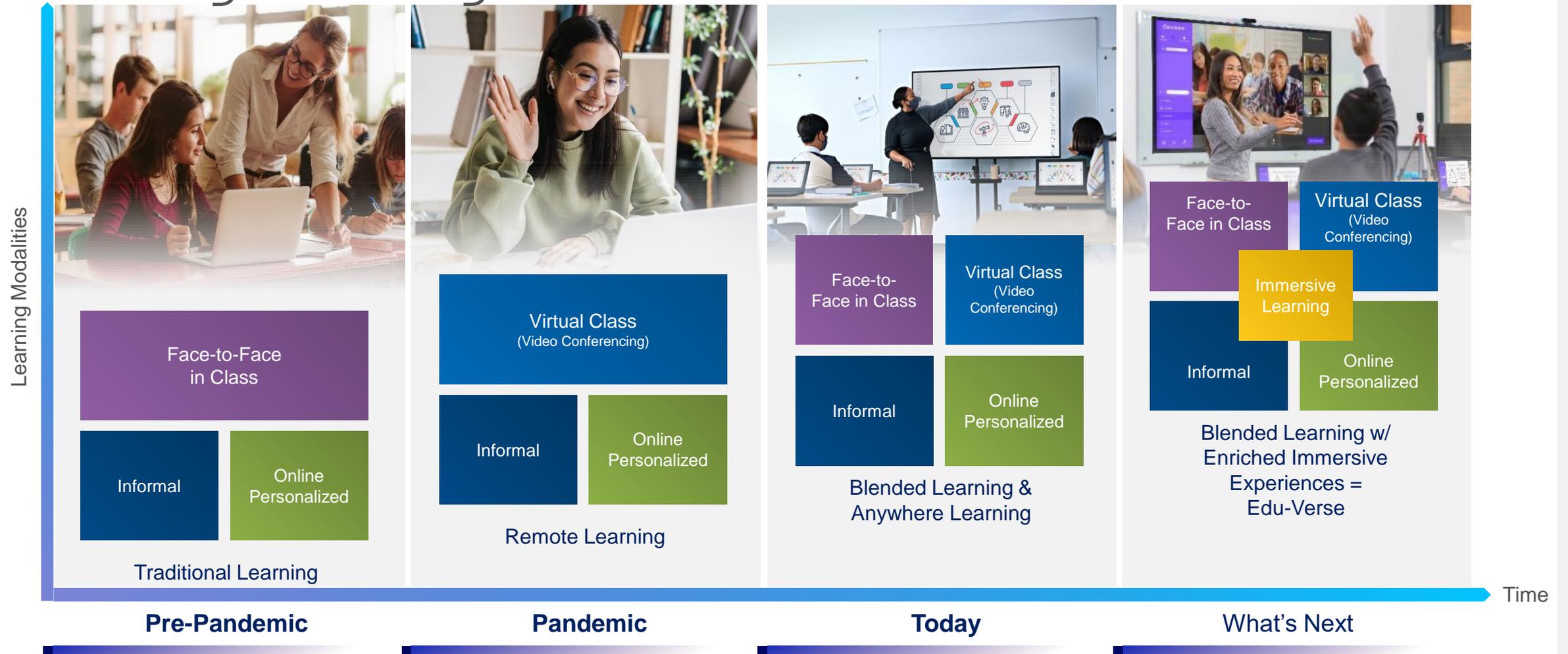
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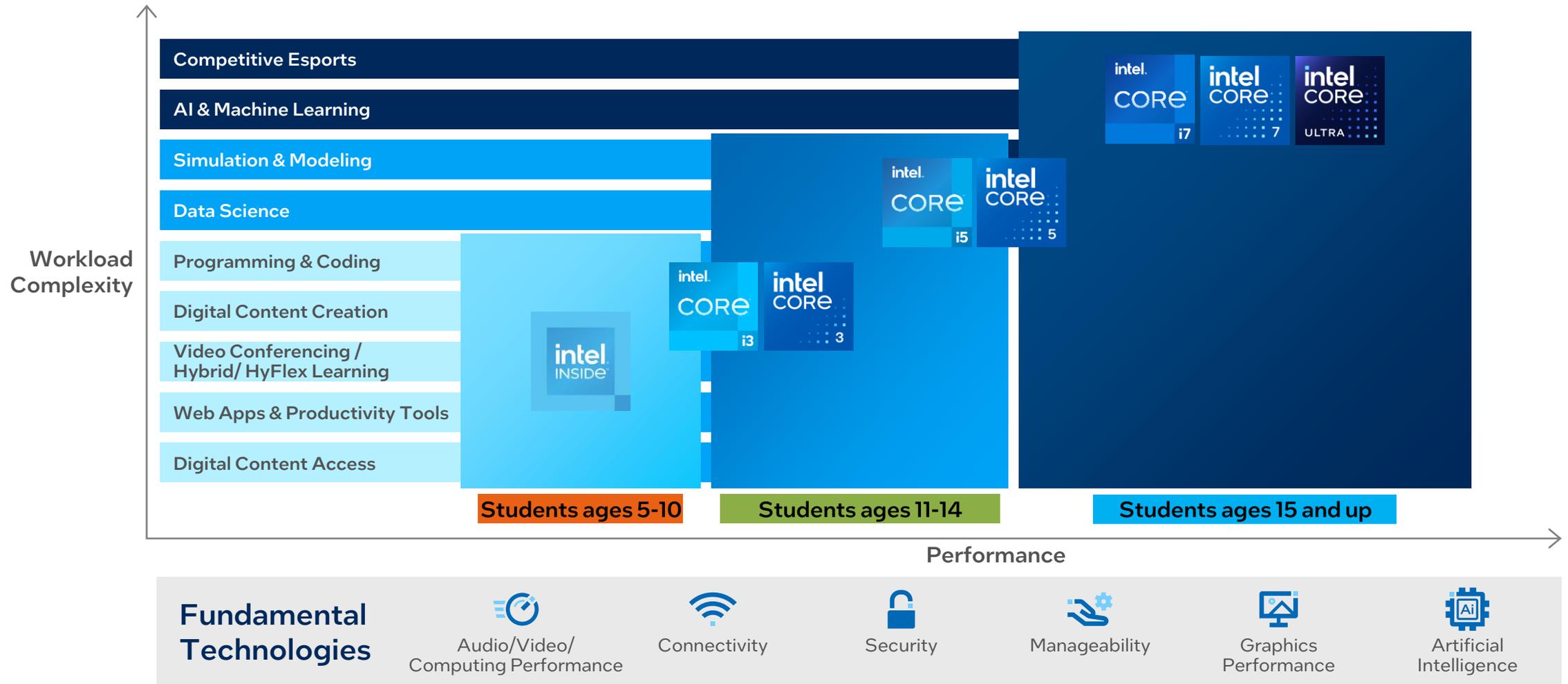
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Evolving Learning Modalities



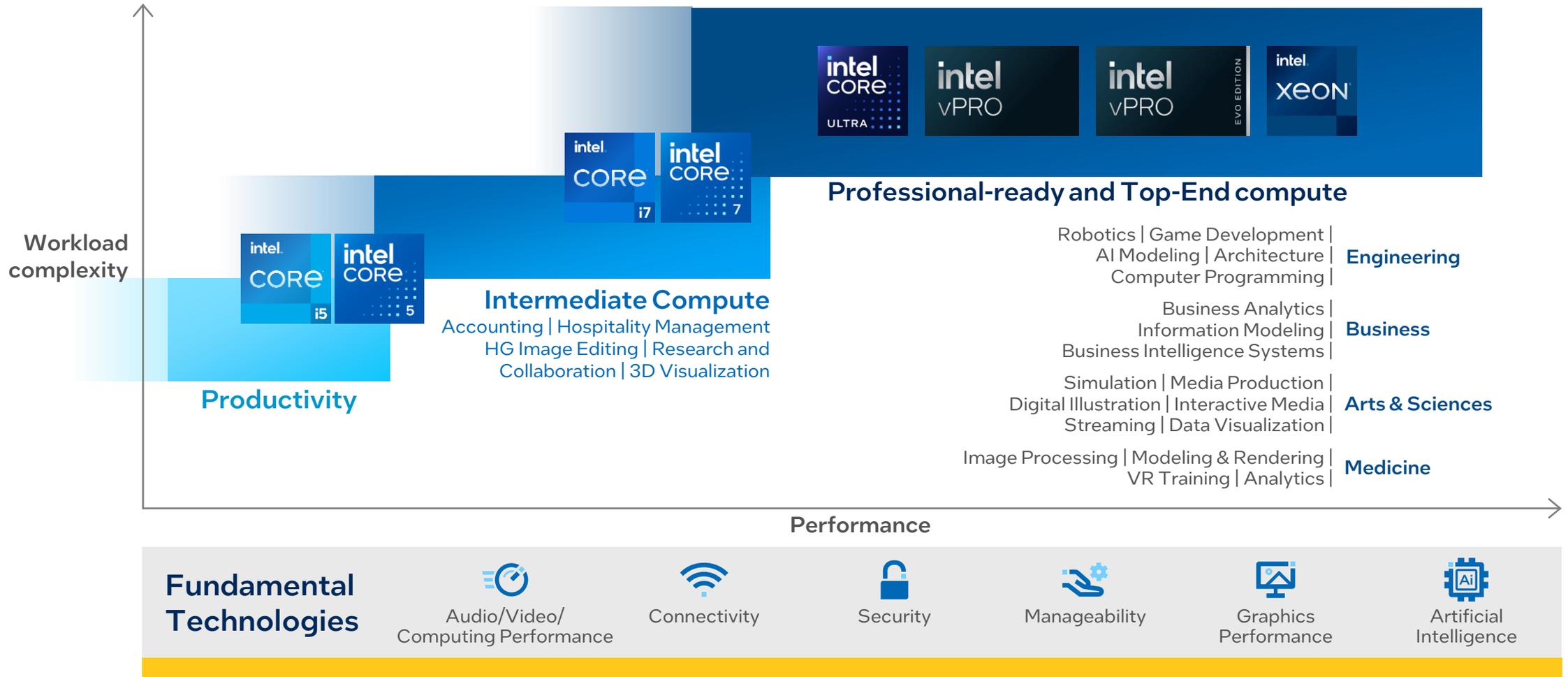
Immersive learning experience future... Increased demand in computing and graphic performance, faster and more reliable connectivity, and longer battery life, resulting in a richer computing experience.

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

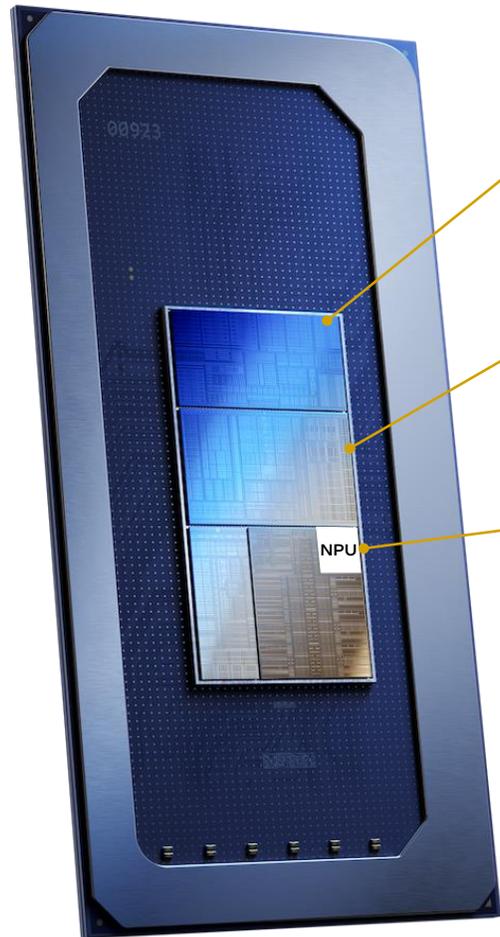
Intel Delivers a Variety of Choices for Educators



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	Fast Response Ideal for lightweight, single-inference, low-latency AI tasks	Office, LibreOffice, WPS Office, Power BI, Tableau, Google Workspace, Visual Studio Code, D5 RENDER, MATTAB, Visual Studio
GPU	Performance Parallelism & Throughput Ideal for AI infused in Media/3D/Render pipeline	TOPAZ LINES, MAGIX, SKYLUM, Adobe, Blackmagic design, HandBrake
NPU	Dedicated Low Power AI Engine Ideal for sustained AI and AI offload	Microsoft Teams, Cisco Webex, LLAMA 2, zoom, XSplit, BUFFERZONE, Whisper.cpp, Audacity, IQIYI, Khan Academy, Tallyfor, Superpower, ByteDance, wondershare, Khanmigo

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 with pen	8 GB	11,6" touch 1366x768	Intel® Wi-Fi® 6	Intel® UHD Graphics	128 GB	47Wh	No				Announced: Q1/23 82VM000BIX Italy
Lenovo 500w Yoga Gen 4		Intel Processor N200 (Q1'23)	Windows 11 OS	2-in-1 with pen	8 GB	12,2" touch 1920x1200	Intel® Wi-Fi® 6	Intel® UHD Graphics	128 GB	47Wh	No				Announced: Q2/23 82VQ000IIX Italy

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
ThinkBook 14 G6 IRL		Intel® Core™ i3 1315U (Q1'23)	Windows 11 OS	Clamshell	8GB	14" 1920x1200 Non-Touch	Intel® Wi-Fi® 6	Intel® UHD Graphics	256GB	45Wh	No				Announced: Q3/23 21KG000QIX Italy
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	No				Announced: Q2/23 21JK0062IX Italy

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 2-in-1 G4 IML AI PC		Intel® Core™ Ultra 5 125U (Q4'23) NPU	Windows 11 OS	2-in-1	16 GB	14" Touch 1920x1200	Intel® Wi-Fi® 6E	Integrated Intel Graphics	256GB	60Wh	No				Announced: Q2/24 21MX002WIX Italy
ThinkPad L13 2-in-1 Gen 5 AI PC		Intel® Core™ Ultra 5 125U (Q4'23) NPU	Windows 11 OS	2-in-1 with pen	16 GB	13.3" Touch 1920x1200	Intel® Wi-Fi® 6E	Integrated Intel Graphics	512 GB	46Wh	No				Announced: Q2/24 21LM001DIX Italy

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
ThinkBook 14 G7 IML AI PC		Intel® Core™ Ultra 7 155H (Q4'23) NPU	Windows 11 OS	Clamshell	16 GB	14" (1920x1200) Non-touch	Intel® Wi-Fi® 6E	Integrated Intel Arc Graphics	512GB	60Wh	No				Announced: Q1/24 21MR0096IX Italy
ThinkPad T14s Gen 5 AI PC		Intel® Core™ Ultra 7 155U (Q4'23) NPU	Windows 11 OS	Clamshell	16GB	14" (1920x1200) Non-touch	Intel® Wi-Fi 6E BT 5.3	Integrated Intel® Graphics	512 GB	58Wh	No				Announced: Q2/24 21LS006HIX Italy
ThinkPad X1 2-in-1 Gen 9 AI PC		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				Announced: Q1/24 21KE004CIX Italy

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