The right devices for Education from Lenovo with Microsoft & Intel

September 2023

United States

Lenovo ▪ Microsoft intel

Notices & Disclaimers

Intel technologies may require enabled hardware, software or service activation.

No product or component can be absolutely secure.

Your costs and results may vary.

The content presented in this documentation was compiled as a courtesy and for informational purposes only. Do expect information to change over time. Intel vPro® Enterprise and Intel vPro® Essentials can be optional in certain brand models and must be requested before placing the order. The offering may vary by country and by configuration. Please ensure you have the latest version. Contact your Lenovo representation to confirm accuracy, including but not limited to product details, configurations, and product availability. Statements in this document that refer to plans or expectations are forward-looking statements. These statements are based on current expectations and involve many risks and uncertainties that could cause results to differ materially from those expressed or implied in such statements. Intel does not control or audit third-party data. You should consult other sources to evaluate accuracy.

© Intel Corporation. Intel, the Intel logo, and other Intel marks are trademarks of Intel Corporation or its subsidiaries. Other names and brands may be claimed as the property of others.

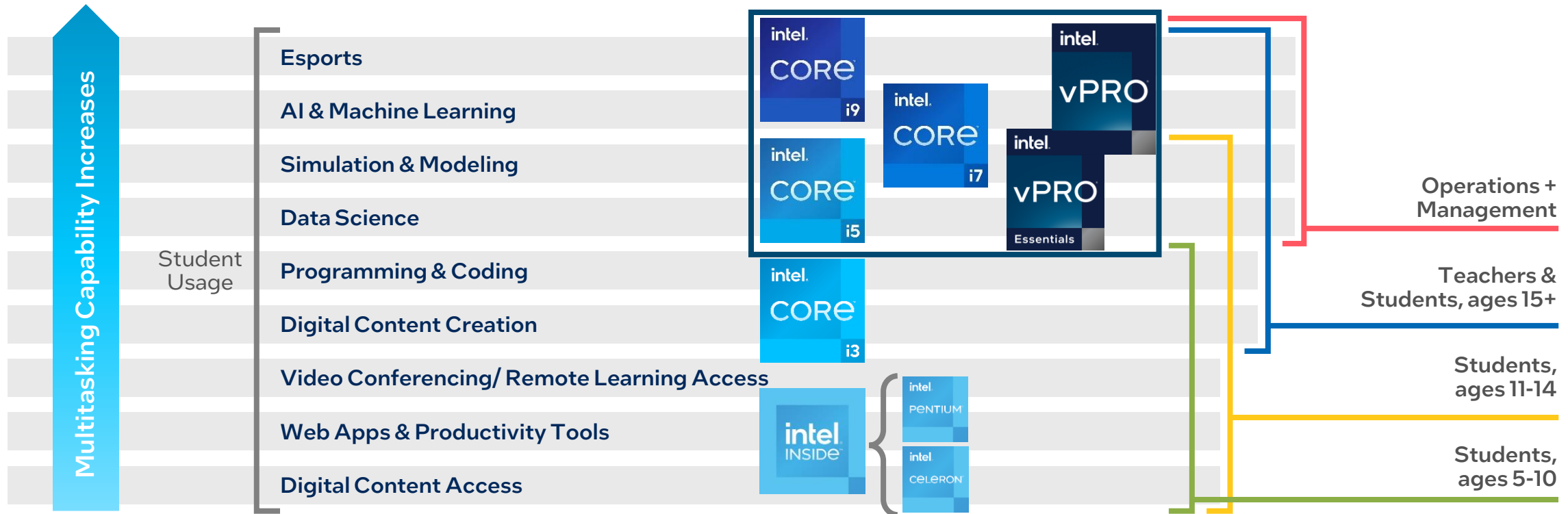Contact: educationus@lenovo.com

2023-September-26

Evolving Learning Modalities

Learning Modalities

Face-to-Face in Class

Informal

Online Personalized

Traditional Learning

Virtual Class (Video Conferencing)

Informal

Online Personalized

Remote Learning

Face-to-Face in Class

Virtual Class (Video Conferencing)

Informal

Online Personalized

Blended Learning & Anywhere Learning

Face-to-Face in Class

Virtual Class (Video Conferencing)

Immersive Learning

Informal

Online Personalized

Blended Learning w/ Enriched Immersive Experiences = Edu-Verse

Time

Pre-Pandemic   **Pandemic**   **Today**   What's Next

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.

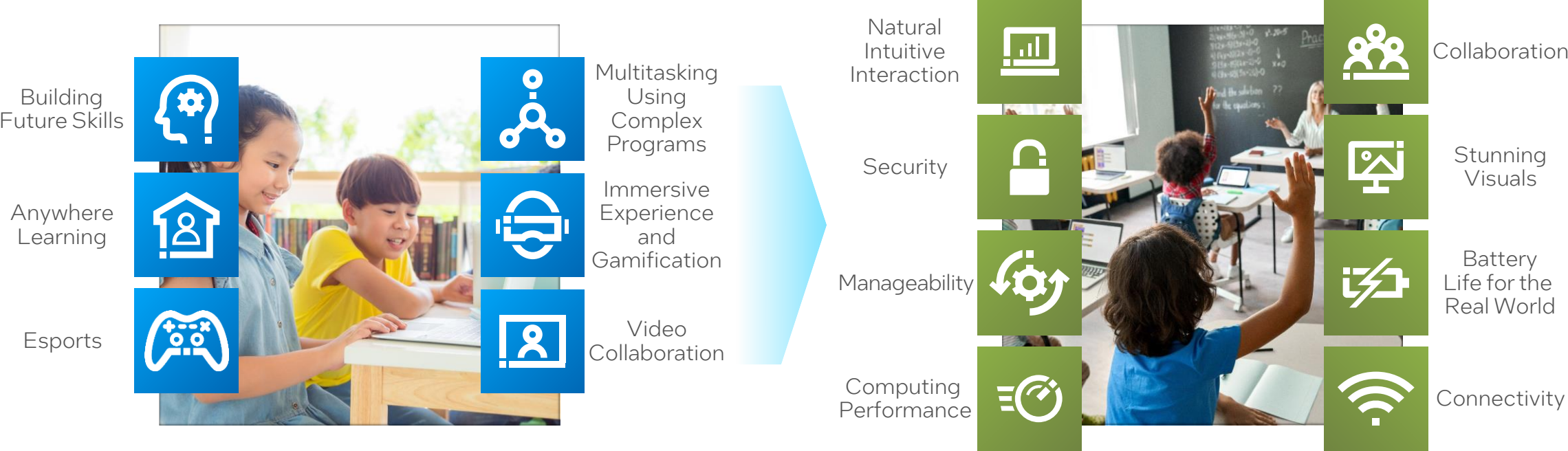# Intel Powers a Wide Range of Choices to Meet Educators and Students' Needs

Multitasking Capability Increases

Student Usage

- Esports
- AI & Machine Learning
- Simulation & Modeling
- Data Science
- Programming & Coding
- Digital Content Creation
- Video Conferencing/ Remote Learning Access
- Web Apps & Productivity Tools
- Digital Content Access

intel CORE i9

intel CORE i7

intel CORE i5

intel vPRO

intel vPRO Essentials

intel CORE i3

intel INSIDE

intel PENTIUM

intel CELERON

Operations + Management

Teachers & Students, ages 15+

Students, ages 11-14

Students, ages 5-10

Fundamentals of a Technology Platform for Anywhere Learning

Connectivity

Manageability

Security

Graphics Performance

Audio/Video Performance

Computing Performance

4

PC Has Become the Companion of Choice for Learners
Changing Usage Models Drive New Requirements

Building Future Skills

Anywhere Learning

Esports

Multitasking Using Complex Programs

Immersive Experience and Gamification

Video Collaboration

Natural Intuitive Interaction

Security

Manageability

Computing Performance

Collaboration

Stunning Visuals

Battery Life for the Real World

Connectivity

PCs help deliver an easier, frictionless, more manageable,
and more equitable learning and teaching experience

PC Has Become an Essential Tool for Educators
Increasingly Complex Usage Models Drive New Requirements
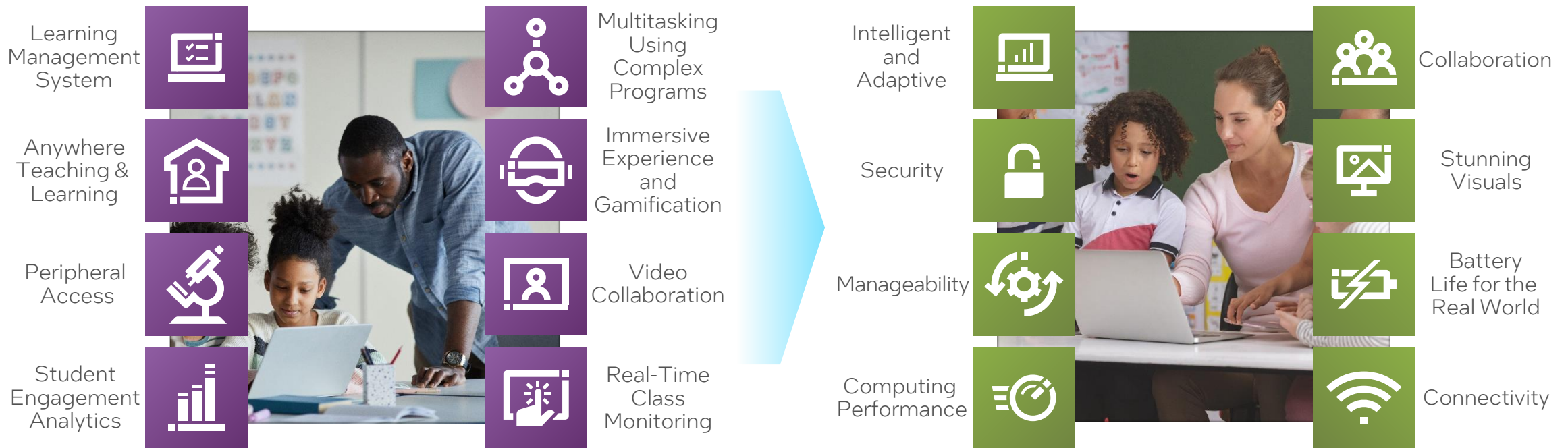
Learning Management System

Anywhere Teaching & Learning

Peripheral Access

Student Engagement Analytics

Multitasking Using Complex Programs

Immersive Experience and Gamification

Video Collaboration

Real-Time Class Monitoring

Intelligent and Adaptive

Security

Manageability

Computing Performance

Collaboration

Stunning Visuals

Battery Life for the Real World

Connectivity

PCs help deliver an easier, frictionless, more manageable, and more equitable learning and teaching experience

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

Device		CPU	OS	Design	Memory	Display	Wi-Fi	Graphics	SSD	Battery Wh/Hs	vPro	Available in
Lenovo 100w Gen 4		Intel® Processor N100 (Q1'23)	Windows OS	Clamshell	4 GB	11.6" Non-Touch 1366x768	Intel® Wi-Fi® 6	Intel® UHD Graphics	128 GB	47Wh /11.3 Hs	No	Available Now! 82VK0005US NA

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

Device		CPU	OS	Design	Memory	Display	Wi-Fi	Graphics	SSD	Battery Wh/Hs	vPro	Available in
Lenovo 300w Yoga Gen 4		Intel® Processor N100 (Q1'23)	Windows OS	2-in-1 (inc. WFC and Pen)	4 GB	11.6" Touch 1366x768	Intel® Wi-Fi® 6	Intel® UHD Graphics	128 GB	47Wh /9.5 Hs	No	Available Now! 82VM000FUS NA
Lenovo 500w Yoga Gen 4		Intel® Processor N200 (Q1'23)	Windows OS	2-in-1 (inc. WFC and Pen)	8 GB	12.2" Touch 1920x1200	Intel® Wi-Fi® 6	Intel® UHD Graphics	128 GB	47Wh /11.3 Hs	No	Available Now! 82VQ0007US NA

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

Device		CPU	OS	Design	Memory	Display	Wi-Fi	Graphics	SSD	Battery Wh/Hs	vPro	Available in
ThinkBook 14s Yoga G4 IAP		Intel® Core™ i5 1235U (Q1'22)	Windows OS	Clamshell	16GB	14" Non-Touch 1920x1080	Intel® Wi-Fi® 6	Intel® Iris® Xe Graphics	256 GB	45Wh /6 Hs	No	Available Now! 21JG0019US NA
ThinkPad E14 Gen 5		Intel® Core™ i5 1335U (Q1'23)	Windows OS	Clamshell	16 GB	14" Non-Touch 1920x1200	Intel® Wi-Fi® 6	Intel® Iris® Xe Graphics	256 GB	47Wh	No	Available Now! 21JK0051US NA

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

Device		CPU	OS	Design	Memory	Display	Wi-Fi	Graphics	SSD	Battery Wh/Hs	vPro	Available in
ThinkPad L13 Yoga Gen 4		Intel® Core™ i5 1335U (Q1'23)	Windows OS	2-in-1 (Optional WFC)	16 GB	13.3" Touch 1920x1200 400nit LBL	Intel® Wi-Fi® 6	Intel® Iris® Xe	512 GB	46Wh - Rapid Charge (up to 80% in 1hr) 65W AC Adapter	No	Available Now! 21FJ002CUS NA
ThinkPad X1 Yoga Gen 8		Intel® Core™ i5 1335U (Q1'23)	Windows OS	2-in-1	16 GB	14" Touch 1920x1200	Intel® Wi-Fi® 6	Intel® Iris® Xe	256 GB	57Wh	Yes	Available now! 21HQ001NUS NA
ThinkPad P16s Gen 2		Intel® Core™ i5 1340P (Q1'23)	Windows OS	Clamshell	16 GB (32 available)	16" Non-Touch 1920x1200	Intel® Wi-Fi® 6	NVIDIA A500	512 GB	86Wh	Yes	Available now! 21HK001UUS NA