

A woman with curly hair is looking at a laptop in a library. The background shows bookshelves filled with books. The text is overlaid on the left side of the image.

# The right devices for Education from Dell with Google & Intel

June 2024

# 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 Dell 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.

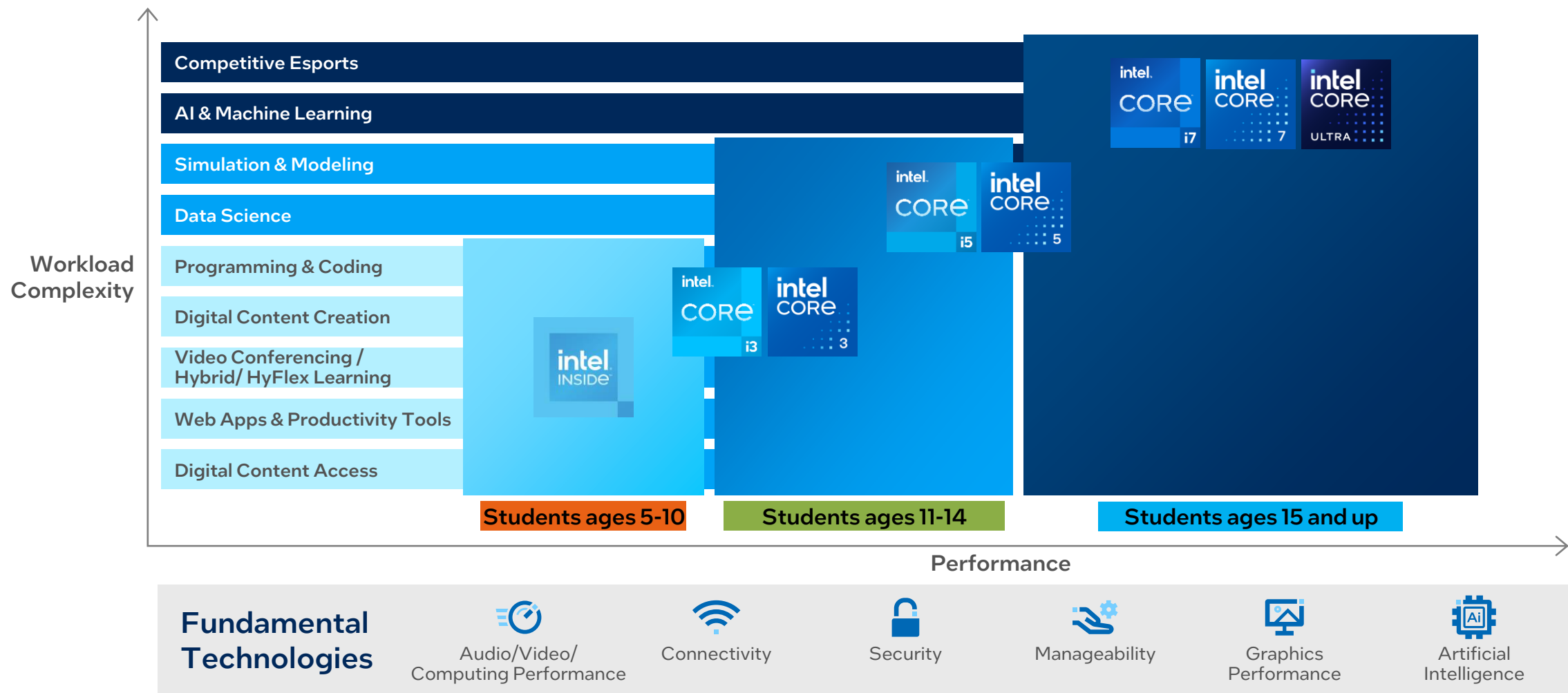
© Intel Corporation. Intel, the Intel logo, and other Intel marks are trademarks of Intel Corporation or its subsidiaries. Other names and brands may be claimed as the property of others.

# Evolving Learning Modalities



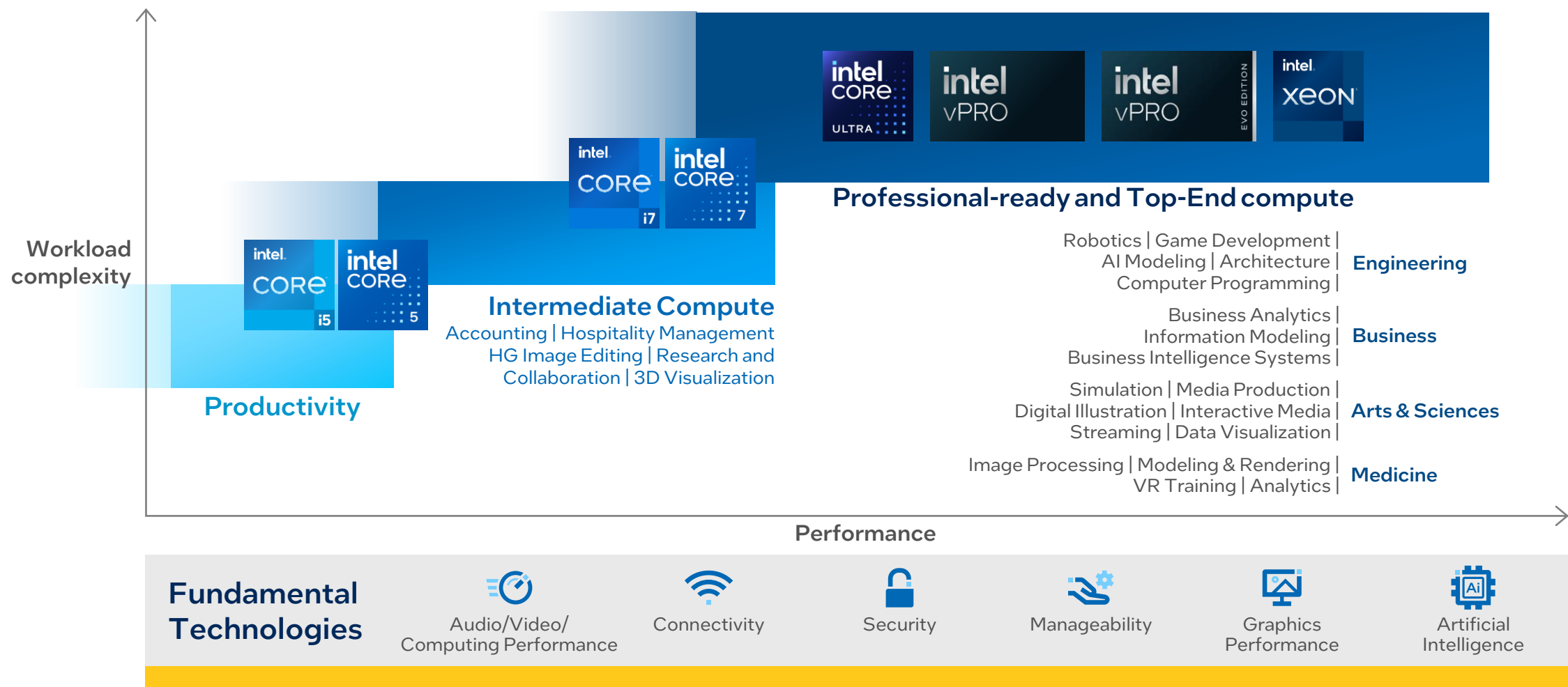
Immersive learning experience future... Increased demand in computing and graphic performance, faster and more reliable connectivity, and longer battery life, resulting in a richer computing experience.

# 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

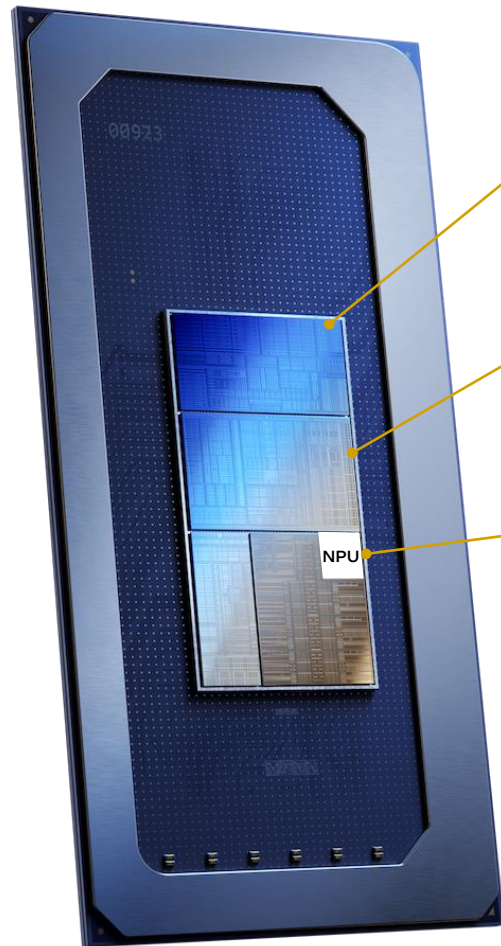
# Intel Delivers a Variety of Choices for Educators



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

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



ONNX



DirectML



Web Neural  
Network API

# AI PC: Optimized Experiences for Educators and Students

Save Time, Improve Quality, Experience New Ways of Working

## Educators

AI Eye Tracking



tobii

AI Avatars



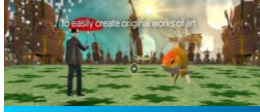
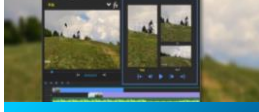
Faceunity Technology

Personalized Learning



Khan Academy

## Educators + Students

|                                                                                                                                                      |                                                                                                                                                               |                                                                                                                                                       |                                                                                                                                              |                                                                                                                                                                     |                                                                                                                                                 |
|------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>Developer Tools</p>  <p>web neural network<br/>MATLAB WebNN</p>  | <p>Video Collaboration</p>  <p>zoom<br/>Microsoft Teams webex by CISCO</p> | <p>Video Editing</p>  <p>Adobe MAGIX<br/>ByteDance wondershare</p> | <p>Text to Image</p>  <p>Stable Diffusion gimp</p>        | <p>AI Image Indexing</p>  <p>mylio</p>                                           | <p>Music Separation &amp; Voice to Text</p>  <p>Audacity</p> |
| <p>Optimized LLMs</p>  <p>stability ai LLAMA 2</p>                  | <p>Gesture Controls</p>  <p>IQIYI</p>                                      | <p>3D Rendering</p>  <p>AUTODESK<br/>D5 RENDER</p>                 | <p>Graphic Design</p>  <p>KRITA<br/>Distinct AI Adobe</p> | <p>Video Streaming</p>  <p>XSplit</p>                                            | <p>Game Upscaling</p>  <p>XeSS</p>                           |
| <p>Photo Editing</p>  <p>TOPAZ LABS<br/>SKYLUM software Adobe</p> | <p>Personal Assistant</p>  <p>Microsoft</p>                              | <p>AI Accessibility</p>  <p>OMNIBRIDGE Windows</p>               | <p>Workstation</p>  <p>Adobe<br/>AUTODESK</p>           | <p>AI Audio Enhancement</p>  <p>krisp<br/>intelliGo Technology Inc. VOICES</p> | <p>Data Visualization</p>                                  |

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

| Device          |                                                                                   | CPU                           | OS        | Design    | Memory | Display                          | Wi-Fi                | Graphics                  | eMMC | Battery | vPro | CrossMark | CrXPRT 2 | Launch/Available in |
|-----------------|-----------------------------------------------------------------------------------|-------------------------------|-----------|-----------|--------|----------------------------------|----------------------|---------------------------|------|---------|------|-----------|----------|---------------------|
| Chromebook 3120 |  | Intel® Processor N100 (Q1'23) | Chrome OS | Clamshell | 8 GB   | 11-inch HD, NT, CamMic, WLAN, CS | Intel Wireless AX203 | Intel Integrated Graphics | 64GB | 42Wh    | No   |           |          | Germany             |

## 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 | CrossMark | CrXPRT 2 | Launch/Available in |
|--------------------------|-----------------------------------------------------------------------------------|------------------------------|-----------|-----------|--------|-------------------------------|----------------------|-------------------------|-------|---------|------|-----------|----------|---------------------|
| Latitude 5430 Chromebook |  | Intel® Core™i5 1235U (Q1'22) | Chrome OS | Clamshell | 8GB    | 14-inch, FHD+, NT, anti-glare | Intel Wireless AX211 | AMD Radeon 610M Graphic | 256GB | 54Wh    | No   |           |          | Germany             |

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



| Device                        |                                                                                   | CPU                          | OS        | Design | Memory | Display                      | Wi-Fi                | Graphics                      | SSD   | Battery | vPro | CrossMark | CrXPRT 2 | Launch/Available in |
|-------------------------------|-----------------------------------------------------------------------------------|------------------------------|-----------|--------|--------|------------------------------|----------------------|-------------------------------|-------|---------|------|-----------|----------|---------------------|
| Latitude 5430 Chromebook 2in1 |  | Intel® Core™i7 1255U (Q1'22) | Chrome OS | 2-in-1 | 16GB   | 14-inch, FHD+, T, anti-glare | Intel Wireless AX211 | Intel Iris Xe or UHD Graphics | 512GB | 64Wh    | No   |           |          | Germany             |

The Intel logo is centered on a solid blue background. It features the word "intel" in a white, lowercase, sans-serif font. A small, light blue square is positioned above the first vertical stroke of the letter 'i'. To the right of the word "intel" is a small white registered trademark symbol (®).

intel®