

Offline, Agentic, Curriculum-Aligned, Voice-Enabled AI Platform for Classrooms

EdgeExl

EdgeExl is a school curriculum aligned AI Teacher that interacts with students in real time, powered by a state-of-the-art Small Language Models running entirely on a local Intel® Core™ Ultra processor (Series 2)-based desktop PC which uses HW Virtualization – SRIOV to allow the desktop compute to be shared by up to 4 users making the solution cost effective for mass adoption for the school education use case.

EdgeExl app uses orchestration of 8 specialized decoder models covering – Chat, Assessment, Voice & Video. EdgeExl helps students learn concepts, prepare for exams, and clear doubts through natural two-way voice conversations using a subject expert avatar. The system doesn't just teach – it also creates concise short notes, memory maps, and key reading points to strengthen understanding and revision, all securely on powerful Intel® Core™ Ultra processor (Series 2)-based desktop PC.



*Supercharge your classrooms with **Offline Agentic AI Teachers** that is 100% curriculum-aligned*

Key Intel-Enabled Features



Fast Edge Inference



Enhanced Security



Scalable Architecture



Low Latency Edge AI

Accelerate Business Transformation with Optimized, Ready-to-Deploy, Intel-Powered AI Partner Solution

- Intel desktop SoCs uniquely support SR-IOV, evenly sharing hardware for AI VMs.
- VMs use SR-IOV GPUs for near-native AI inference with no network reliance.
- Intel® Core™ Ultra 7 processor (Series 2) powers edge AI locally, cutting latency and ensuring privacy for education.

EdgeExl

Intel Products and Technologies

- [Intel® Core™ Ultra Processors](#)
- [Intel® oneAPI Toolkit](#)
- [OpenVINO™ Toolkit](#)
- [Intel® Intelligent Desktop Virtualization](#)

Ordering Guidance:

- [EdgeExl](#)

Country/Geo: Worldwide

Vertical Markets: Education

Use Cases: Digital Campus

Learn more:

- [Sumeru Edutech Website](#)

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