

AI Teacher: On-Device AI That Closes the Learning Loop

AI Teacher, powered by aiDAPTIV+

AI Teacher is a closed-loop teaching platform, not a single tool. Teachers upload their material and instantly generate quizzes; after teaching, they assign the quiz, and students answer and see instant results. Students then use Revise Buddy, an AI chatbot that clarifies what they got wrong, guiding them step-by-step rather than handing over answers. Every quiz result and Revise Buddy question is logged and scored against Bloom's Taxonomy, feeding a Teacher Dashboard that reveals class performance and helps teachers refine their next lesson. At term end, Student Profiling auto-generates parent-ready reports.

All of this runs locally on Intel® Core™ Ultra Series 3 processors and is optimized with the OpenVINO™ toolkit using aiDAPTIV+: KV Cache Reuse caches documents on SSD so the AI never re-reads them, cutting response time, while running a larger, smarter model on a single edge device — no server, no cloud, full data privacy.



Key Intel-Enabled Features



KV Cache
Reuse



MoE Model
Offload



On-Device
Privacy



Low
Latency
TTFT

- aiDAPTIV+ caches docs on SSD, reusing KV cache to speed inference
- MOE offload runs larger models on a single [Intel® Core™ Ultra Series 3 processor-based](#) device
- Phison optimized with the [OpenVINO™ toolkit](#) cuts time-to-first-token for quizzes and chatbots
- All processing stays on-prem — no student data leaves the school

aiDAPTIV+

By leveraging Intel® technologies, AI Teacher by MaiStorage helps schools reduce AI tutoring costs by minimizing cloud token consumption, enabling affordable, scalable AI-assisted learning across campus.

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*AI Teacher by MaiStorage delivers **fast, private, closed-loop AI teaching** on a single Intel Edge device, **eliminating the need for servers.***

Ordering Guidance:

- [MaiStorage AI Teacher | Contact Us](#)

Country/Geo: Asia Pacific, Japan, Australia & New Zealand

Edge Verticals: Education

Edge Use Cases: Intelligent Learning; Smart Classroom

Learn more:

- [MaiStorage Technology Website](#)