

Flexible, Cost-Effective Technology to Enrich Education



The Business Challenge

Education worldwide is undergoing significant instructional and technical innovation. The demand for access to information is growing. As a teacher or administrator, you face a tremendous array of challenges—swelling enrollments, greater cultural and economic diversity, expanding curricular demands, rising societal expectations, and increased reporting requirements—all complicated by perennial budget constraints. You need cost-effective ways to increase enrollment capacity, adapt programs to diverse student populations, and extend services to dispersed users. You also need real-time data to track student performance, direct individual learning programs, and optimize instructional outcomes.

An Integrated Approach is the Solution

With the Intel® Solution Kit for Education, your Information and Communications Technologies (ICT) vendor, an Intel® Channel Partner Program member, can provide a complete end-to-end hardware and software solution. The kit features an open architecture and is customized to give you a low-cost, flexible, and scalable solution for your educational institution. Your channel member can offer the latest Intel® processor-based servers and PCs, pre-installed with management and security tools to monitor and manage your systems, as well as software for Student Information and Learning Management Systems.



Key Features

- **Learning Management System (LMS):** Moodle*, featuring course management, Web portals, online publishing, archiving, online testing, and distance learning; plus skool™ Teaching and Learning Technology, which features digital online multimedia learning solutions
- **Intuitive visual authoring environment for creating sequences of learning activities:** Learning Activity Management System (LAMS)
- **Student Information Systems:** featuring tools for managing grades, records, and administrative tasks
- **Productivity applications:** Mozilla*, Open Office.org*, GAIM*, Evolution*, and Ekiga*, including a Web browser, e-mail program, chat application, conferencing tools, and calendaring utility
- **Security and manageability tools:** OpenCountry* for Education and ClamAV*, featuring a firewall, virus protection, backup, restore, remote boot, and remote provisioning capability
- **e-Classroom management:** monitoring students, blocking applications, and locking student screens
- **Digital-media applications:** RealPlayer*, Macromedia Flash Player*, GNU Image Manipulation Program* (GIMP*), and X-CD-Roast*
- **Library management:** Koha*, a full-featured and worldwide enterprise-class open-source Integrated Library System (ILS)
- **Localized rich-content development:** support from local software vendors for diverse geographies, languages, and grade levels

Benefits

- **Improved efficiency and productivity.** Structured and reusable course layouts

- **Enhanced learning experience.** Fun and easy multimedia content (audio/video)
- **Flexibility, affordability and reliability.** Open architecture to support diverse geographies.
- **Framework for collaborative learning.** Students learn from other students.

Who This Solution Will Benefit

The Intel Solution Kit for Education supports both an e-learning and face-to-face blended approach for delivering rich multimedia content for K-12 and higher education institutions for any ICT deployment model: e-lab, e-classroom, and e-campus deployment models for a truly “anytime and anywhere” learning environment. The direct beneficiaries are students, teachers, principals, school and district-level administrators as well as government decision makers.

Trusted Technology Leadership

Intel® Innovation in Education delivers tools and resources to play a positive role in preparing for the challenges of tomorrow, including the Intel® World Ahead Program, Discover the PC Initiative, and Intel® Teach to the Future.

Intel is one of the most trusted names in computing. Educational institutions around the world depend on Intel-processor-based PCs, mobile computers, servers, and software to deliver the performance, dependability, and quality they need to succeed.

Your ICT vendor, a valued Intel Channel Partner Program member can design an Intel® processor-based solution tailored to your needs and keep it running around the clock.

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