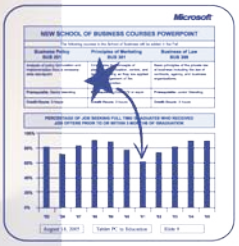
Tablet PC Datasheet
Education



Innovation within your reach.

Increasingly, educators are looking to technology tools to help them engage students more effectively, to increase teacher effectiveness, and to enhance collaboration both inside and outside of the classroom. One of the key challenges they face today is to create a more vibrant and interactive learning environment that will improve the educational experience for students. From the largest university lecture hall to the smallest grade-school classroom, teachers are always searching for better ways to share information with students, deliver more interactive learning materials, and facilitate participation in rich and engaging class discussions.

Tablet PCs from Microsoft® Original Equipment Manufacture (OEM) Partners, combined with industry solutions from leading independent software vendors (ISVs) and system integrator partners, provide the wireless mobile access that can help educators tackle the challenges they face. The evolution of the notebook PC, these new portable devices combine the power and functionality of notebook PCs with next-generation pen-and-ink and built-in wireless capabilities to transform the way educational materials are created, shared, and used. Today, the Tablet PC, with its longer battery life, is redefining mobility, putting the power of the familiar Microsoft Windows® XP user interface in the hands of teachers, students, and administrators in more situations than ever before.

Benefits Include:

- **Enhanced Student-Teacher Interaction:** The Tablet PC enables new levels of student-educator engagement and collaboration, both inside and outside the classroom.
- **Greater Learning Effectiveness:** Teachers and students can record lectures and synchronize audio with their presentation notes. Lectures can then be made available for review and selective playback at any time.
- **More Convenient Mobile Education:** For students and teachers, the wireless capabilities and unique form factor of the Tablet PC can turn almost any location into a remote classroom where they can access the resources they need.
- **Improved Note-Taking Capabilities:** The ability to use the Tablet PC to take notes using pen-and-ink applications saves time for educators and students, while creating a richer, more interactive classroom experience.
- **Better Student Retention and Higher Test Scores:** By improving learning effectiveness and student-teacher collaboration, the Tablet PC can help increase attendance and raise test scores.
- **Reduced Teacher Workload:** Because it makes it easier to grade papers and create, share, and reuse classroom materials, Tablet PCs enable teachers to spend more time working with students and less time on paperwork.

Call-out Customer Evidence:

Massachusetts Institute of Technology (MIT): At MIT's 2002 International Design Contest (IDC)—a robot design competition—participating student teams used Acer Tablet PCs to streamline collaboration and design. Since the 2002 IDC, MIT has expanded the use of Acer and Toshiba Tablet PCs to enhance the learning process for project-based courses. Benefits include better teamwork and improved access to Web-based services.

Windows xp
Tablet PC Edition

The Power of the Tablet PC

A new type of notebook PC, the Tablet PC combines the power and functionality of today's notebook PCs with next-generation pen-based and wireless mobile technologies to give teachers and students new capabilities that can improve the learning experience.

Built to serve as a primary PC, the Tablet PC can be attached to a standard keyboard, monitor, and mouse for easy computing at the desktop. Capable of running all Windows XP–compatible applications, the Tablet PC offers the full power of a desktop computer, and more:

- **Windows XP Professional Edition Operating System:** The Tablet PC takes advantage of the full functionality of Windows XP Professional Edition, plus additional enhancements to enable pen-and-ink computing.
- **Ink-Enabled Applications:** The Tablet PC is the foundation of a new generation of digital pen-and-ink learning applications.
- **Tablet and Pen Settings:** Tablet PC settings can be optimized for left- or right-handedness and pen calibration. Screen orientation can be adjusted to landscape or portrait to match teacher or student preference.

The Mobility of the Tablet PC

By delivering the full power and functionality of a desktop PC in an ultra-mobile form factor, the Tablet PC is redefining wireless mobile productivity. For teachers, the Tablet PC is a mobile work station where they can create classroom presentations, annotate papers, keep their students up-to-date on classroom materials and grades, and much more—whether at school or at home. For students, the Tablet PC can turn almost any location into a remote classroom or study hall where they can access the resources they need to succeed.

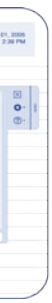
Today's Tablet PC offers a wide range of features that make mobile computing easier than ever:

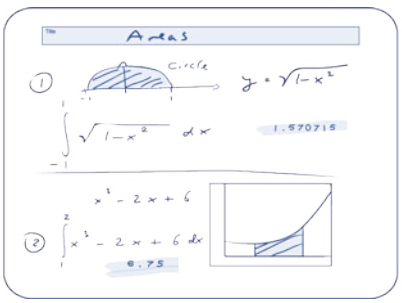
- **New Mobile Uses:** The Tablet PC extends full-featured computing to teachers and students anywhere and at anytime.
- **Instant On**: Instant resumption from a standby state delivers immediate access to the full power of a mobile PC.
- **Grab and Go:** Undocking features enable teachers to grab their Tablet PC without having to change to a standby or hibernate state.
- **Wireless Network Support:** Windows XP zero-configuration wireless support makes it easy for students and teachers to access wireless networks and stay connected to the information they need while in the classroom or at home.
- **Longer Battery Life:** Advances in battery and chip technology combined with Windows XP power-management features enable teachers and students to take advantage of the mobile computing power of the Tablet PC for longer periods of time.

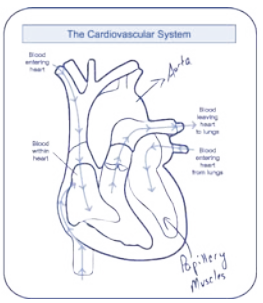
The Versatility of the Tablet PC

The Tablet PC provides new features and capabilities that make it an ideal educational tool for teachers, students, and administrators. From convertible models with built-in keyboards to slate-style tablets with innovative docking solutions that provide keyboard access, today's Tablet PCs provide the utmost in portable, flexible computing power:

- **Natural Computing:** Digital pen-and-ink technology enables users to control the Tablet PC as easily with a pen as with a mouse or keyboard. Speech recognition allows users to take advantage of voice commands to dictate notes and control their Tablet PC.
- **Windows Journal:** Features of this note-taking utility include the ability to search handwritten notes using keywords, import documents, flag important items, and convert notes to text. Because it makes it easy to share notes, Windows Journal can also improve collaboration between teachers and students.
- **Tablet PC Input Panel:** Enter text into any application and view, annotate, and share images, equations, presentations, and more.
- **Gestures:** Use the digital pen to make "gestures" that complete common tasks.
- **Sticky Notes:** Write notes and reminders on the desktop, in Word documents, or any other OLE-enabled application.







Call-out Customer Evidence:

Northeastern University College of Business Administration: Students and faculty at Northeastern University College of Business Administration are using Toshiba Tablet PCs and Microsoft Office OneNote® 2003 to revolutionize their research, study, and classroom habits.

The Cornwallis School: Students and teachers at the Cornwallis School are using OneNote 2003 and Tablet PCs to be more organized, improve note taking, and alter work habits in a meaningful way.

The Tablet PC for Students

Note-taking capabilities in Windows Journal and OneNote, based on digital-ink technology, are providing students with the ability to interact with visual teaching materials and are enabling the Tablet PC to replace the traditional blackboard or whiteboard with a much richer learning experience. Using a Tablet PC, students can create documents using Microsoft Office Word, store and organize all of their class notes and materials in a single, mobile device, and record lectures, search notes, submit homework, and create presentations using Microsoft Office PowerPoint®.

With Tablet PCs, students can:

- Access learning materials and educational resources from almost any location.
- Communicate and collaborate more easily with teachers and other students.
- Save lectures, synchronize audio with presentation notes, and save for review and selective playback at any time.
- Use pen-and-ink capabilities to take notes, annotate equations and images, and convert notes to text.

Call-out Customer Evidence

The University of Vermont School of Business Administration: To make it easier for students to communicate, collaborate, and learn, the University of Vermont School of Business Administration standardized on Gateway Tablet PCs, enabling students to integrate and organize their information in a single searchable, sharable location.

Kansas State University: To enhance its students' knowledge retention and note taking, Kansas State University is using a solution from Tegrity that allows faculty to record lectures during class and students to take handwritten notes using the Tablet PC pen.

Teachers

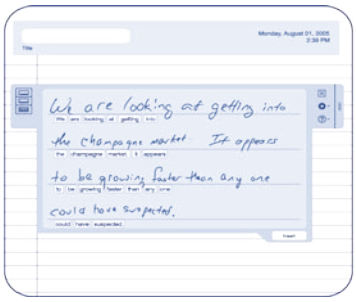
The Tablet PC enables teachers to create, share, and annotate high-quality interactive lectures that can help increase student engagement. Pen-and-ink technology allows teachers to create PowerPoint presentations, mark up graphics, and create complex hand-drawn diagrams and formulas and either share them with students using a wireless connection or save them for later use. With a Tablet PC, teachers can review and grade papers more efficiently, using ink on electronic documents created in Word and other applications. And students and teachers can collaborate using synchronous course management solutions and an electronic blackboard, while Groove workspaces make it easy to share files.

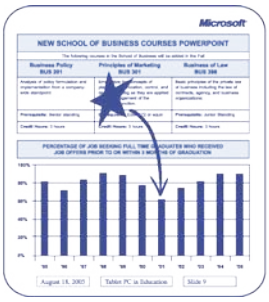
Using a Tablet PC, a teacher can:

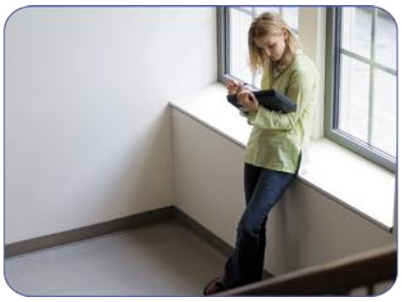
- Instantly create and share interactive learning material in any teaching environment.
- Share course content with students before class so they can prepare for labs and lectures.
- Interact and collaborate with teaching teams and students in real time, regardless of location.
- Improve productivity by streamlining paper-grading processes and reusing electronic learning materials.

Call-out Customer Evidence

Politecnico di Milano: A state university in Italy with 40,000 students, Politecnico Innovazione has begun using Tablet PCs to optimize workflow and improve document sharing and collaboration for education and research.







Microsoft Technology Partners

To help deliver Tablet PCs that will help educators tackle the challenges they face, Microsoft is collaborating with leading OEMs, ISVs, and systems integrators that offer extensive technical experience and a deep knowledge of the specific needs of students and teachers.

OEMs

Acer: Since Acer introduced the first convertible Tablet PC in November 2002, it has continued to innovate. The new Acer TravelMate line, which includes the Acer TravelMate C110, C200, C300, and C310, offers wireless connectivity, standout performance, and extended battery life.

http://global.acer.com/products/tablet_pc/index.htm

Gateway Computer: The Gateway M275 and M280 Series offer versatile and feature-packed notebooks that easily transform into a Tablet PC. Gateway introduced the U.S. industry's first 14-inch widescreen convertible notebook.

www.gateway.com/programs/convertible/index.shtml?cm_ven=Google&cm_ite=gateway%20pc%20tablet&cm_cat=Consumer&sg=hm&ph1=8005553006

Hewlett-Packard: Dynamic, portable, and fully functional, HP Compaq Tablet PC models include the HP Compaq tc1100 and the new HP Compaq tc4200. From inventory control to physician collaboration, the HP Compaq Tablet PC provides the flexibility to conduct business anywhere, anytime.

http://h18000.www1.hp.com/products/tabletpc

Lenovo: Loaded with performance features, the Lenovo ThinkPad X41 Tablet is the smallest and lightest 12-inch convertible Tablet PC, providing outstanding performance and portability.

www.lenovo.com/us/en

Motion Computing: Motion Computing's LS800 offers a new category of Tablet PC: the ultra-mobile slate, which provides the power of a full-size Tablet PC and can fit comfortably in one hand. The LE1600 offers a Tablet PC that is faster, thinner, more durable, and more secure with a longer battery life.

www.motioncomputing.com

Toshiba: Toshiba's thin and light Portégé M200 demonstrates the fusion of form and function. The Tecra M4 integrates the advanced features of a Tablet PC with state-of-the-art notebook technology. The Satellite R15 includes a built-in optical drive and a 14.1-inch diagonal screen.

www.toshibadirect.com/td/b2c/toshibatabletpc.to

ISVs

Agilix Labs: Agilix GoBinder puts everything students need into a single system, providing comprehensive organization and personalization. With GoBinder, students control the learning process and can organize classes and schedules, manage assignments, take notes, annotate lecture materials, and share notes with their peers.

www.agilix.com

DyKnow: DyKnow Vision helps students concentrate on note taking to solve problems, clarify concepts, and interact with peers, and then play back lectures and review notes to see how charts were built or how concepts were introduced.

www.dyknow.com

Microsoft Technology Components

Microsoft products and technologies that can enable education organizations to take advantage of the Tablet PC to reduce costs and improve the quality of care include:

- **Microsoft .NET:** A framework for connecting people, information, systems, and devices through Web services, Microsoft .NET helps give educational institutions the agility to create, save, and exchange learning resources, and teacher and student data anytime, anywhere, using any device.
- **The Microsoft Office System:** The Microsoft Office System applications including Microsoft Office Word 2003, OneNote 2003, PowerPoint 2003, and Microsoft Office SharePoint® Portal Server make it easier to create and access educational resources.
- **Microsoft BizTalk® Server:** A valuable integration tool, BizTalk Server enables true end-to-end integration of information systems across an entire school system or university.
- **Microsoft SQL Server™:** SQL Server delivers the full range of capabilities essential for storing, accessing, and analyzing large volumes of student and teacher information while offering the lowest implementation and maintenance costs in the industry.
- **Groove:** Groove products extend Microsoft collaboration capabilities by enabling teachers and students to more securely share educational resources and student work in a highly decentralized manner unconstrained by time or location.
- **Microsoft Tablet PC Software Development Kit (SDK):** The Tablet PC platform encompasses Windows XP and extensions that enable input and output of handwriting and speech data on a Tablet PC as well as interchange of this data with other computers.

Learn More

For more information about Tablet PCs, visit:
www.microsoft.com/tabletpc
To learn more about Microsoft products and technologies for education, visit: **www.microsoft.com/education**

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Microsoft