LifeBook E8210 Notebook

Supplying more power and better performance with next-generation Intel® Centrino® Duo Mobile Technology, the Fujitsu LifeBook® E8210 notebook provides a highly flexible platform that can be configured to meet a diverse array of business demands. When coupled with renowned Fujitsu product reliability and durability, this notebook will shorten your return on investment cycle and lighten the load on your IT technical support.

BENEFITS

Performance

The LifeBook E8210 notebook is available with Intel Centrino Duo Mobile Technology. With its two execution cores, the Intel® Core™ 2 Duo processor is optimized for multi-threaded applications and multitasking.

The LifeBook E8210 notebook also features one of the most powerful mobile GPUs on the market—Mobility™ Radeon® X1400 graphics. The Mobility ™ Radeon® X1400 is the ideal solution for today's business professionals because it not only provides the horsepower needed to drive visual applications, it also provides the tools needed to build more compelling visual communications with rich multimedia.

Easy Deployment & Management

Simplify deployment and management—and ultimately reduce TCO—with the following features:

- A modular bay fits a variety of devices, including a DVD-ROM, DVD/CD-RW Combo Drive, Dual-Layer Multi-Format DVD Writer, modular bay battery, and a convenient weight saver.
- One common image and software across select Fujitsu LifeBook notebooks
- High-capacity and modular bay batteries are available for extended computing time
- The notebook is equipped with serial, parallel, S-Video out and IEEE 1394 ports
- A variety of communications options are available to seamlessly integrate into your corporate environment
- A port replicator—compatible with the LifeBook E8210, E8110 and S7110 notebooks—is also available for simple connection to all your peripherals

Security

The LifeBook E8210 notebook offers a combination of physical hardware and software security solutions to provide the highest levels of mobile computer protection. When the time comes for an organization to implement one or more security features, the LifeBook E8210 notebook is ready for deployment.

Fujitsu offers a built-in biometric fingerprint swipe sensor that eliminates the need for managing multiple passwords when accessing the network and managing email accounts, as well as other protected systems.

The embedded TCG 1.2 compliant Trusted Platform Module (TPM) protects digital identification and data, and authenticates you into your network. It also allows users to securely store private keys and certificates for file and folder encryption, Web, email, digital signatures, and passwords.

The dedicated Smart Card Reader supports a wide range of third-party applications, such as secure online transactions, personalized authentication services, access to personal data, and "e-cash" storage options.

With more than 800,000 possible passwords, the integrated Security Panel system adds another measure of security to help secure your data. The LifeBook E8210 notebook also features two-level hard drive and BIOS password protection, allowing system administrators to have a password that's secret from users, and can be used to unlock the device if the user password is lost.

Flexible Connectivity

With both 56K modem and Gigabit 10/100/1000 Ethernet LAN built-in, you can easily connect to your office network and the Internet at home or at work. For wireless connectivity, the Wi-Fi® Certified Intel PRO/Wireless 3945ABG offers seamless and flexible connectivity with either high-speed connection. It also provides third-party security enhancement support for Cisco Compatible Extensions, such as LEAP, EAP-FAST, and CKIP. If you use a Bluetooth-enabled cellular phone or PDA, your LifeBook E8210 notebook can be equipped with integrated Bluetooth (version 2.0) wireless technology for data synchronization and swapping images or data.

Stable and Reliable

The LifeBook E Series notebook has a sturdy magnesium cover—a feature that has contributed to LifeBook notebooks being named some of the most reliable in the industry. The new LifeBook E8210 notebook also features a stronger exterior, stainless-steel hinges, and a spill-resistant keyboard.

In a time when most PCs are assembled by third-party vendors, Fujitsu takes pride in its own world-class design, rigorous testing, and manufacturing capabilities. Fujitsu provides extremely high quality mobile computers with one of the lowest failure rates in the industry.

OVERVIEW

- Stylish yet durable design: top-notch performance in a notebook that's lighter than 6 lbs.
- Brilliant 15.4" widescreen display for optimized viewing
- Latest Intel Centrino Duo Mobile Technology for seamless connectivity, long battery life, and great performance
- Dual pointing options with touchpad and quick point
- Extensive security features
- Ideal connectivity through optional Wireless LAN and Bluetooth

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Software

Operating Systems	Genuine Windows® XP Professional Windows Vista™ Capable*
Software	Adobe Acrobat Reader®, Microsoft® Internet Explorer, CyberLink PowerDVD™, Quicken® New User Edition 2006, Norton Internet Security 2006[1], Fujitsu HotKey Utility, LifeBook Security/Application Panel, Microsoft® Windows® Journal Viewer, Fujitsu Driver Update Utility
Optional Software	Depending upon your configuration, you may also receive the following: CyberLink PowerProducer™, Roxio DigitalMedia SE, Microsoft® Works or Microsoft® Office Small Business Edition 2003, Trusted Platform Module (TPM) driver and applications CD, Bluetooth driver and applications CD

Key Specifications

Processor	Intel® Core™ 2 Duo Processor T7200 (2 GHz, 4 MB L2 cache, 667 MHz FSB) Intel® Core™ 2 Duo Processor T5600 (1.83 GHz, 2 MB L2 cache, 667 MHz FSB) Intel® Core™ 2 Duo Processor T5500 (1.66 GHz, 2 MB L2 cache, 667 MHz FSB)	
Chipset	Intel® 945GM/945PM	
Memory	Two DIMM slots; max. 4 GB (2 GB x 2); DDR2 667 MHz with dual-channel support	
Display	LCD	15.4" Crystal View WXGA or WSXGA+ TFT display
	Video Controller	Intel® Graphics Media Accelerator 950 (GMA); Dynamic Video Memory Technology (DVMT) responds to application requirements and efficiently allocates the proper amount of system memory (up to 224 MB) for optimal graphics and system performance; or, ATI Mobility™ Radeon® X1400 with 128 MB of dedicated VRAM; up to 256 MB HyperMemory™[2]
	Resolution	Maximum internal display: XGA 1280 x 800, or SXGA+ 1680 x 1050, 16M colors External monitor: 1680 x 1050, 16M colors Simultaneous display and extended desktop support
Hard Drive[3]	100 GB, 80 GB, 60 GB, 40 GB; 5400 rpm SATA; shock-mounted	
Optical Drive	Modular Dual-Layer Multi-Format DVD Writer, or Modular DVD/CD-RW Combo Drive, or Modular DVD-ROM	
Audio	Realtek ALC262: 4-Channel High-Definition Audio Codec with UAA (Universal Audio Architecture) featuring two 24-bit stereo DACs and three 20-bit stereo ADCs. Features proprietary converter technology to achieve over 100dB signal-to-noise ratio playback quality, easily meeting PC2001 requirements.	
Communication	Multinational[4] 56K[5] V.90 modem, Gigabit 10/100/1000 Ethernet	
Wireless Communication	Optional Intel® PRO/Wireless 3945ABG Network Connection (Tri-mode 802.11a/b/g) or optional Atheros Super AG® Wireless LAN (802.11a/b/g) with antenna switch; Wi-Fi® certified and supports Cisco Compatible Extensions Optional Bluetooth (v 2.0) Personal Area Network (PAN) for file transfer and data synchronization with other Bluetooth devices	
User Interfaces	Integrated touchpad with scroll button; optional quick point 84-key full-size, spill-resistant keyboard with 19 mm key pitch and 2.7 mm key stroke	
Ports	Four USB 2.0 (all bootable) Serial Parallel Infrared port (IrDA 1.1-compatible) Modem (RJ-11) Gigabit 10/100/1000 Ethernet LAN (RJ-45)	S-Video Out Headphone/line-out SPDIF jack Microphone line-in/jack IEEE 1394 (4-pin) Docking connector SD/MMC card slot
Card Slots	One Type I/II PCMCIA slot; 32-bit PC CardBus architecture One dedicated Smart Card slot	One dedicated ExpressCard™ slot One SD/Memory Stick, Media card slot
Security	Optional biometric fingerprint sensor Dedicated Smart Card slot Two-level BIOS and hard drive password protection: user and administrator Fujitsu Security/Application Panel: Numeric buttons on theft-deterrent security panel offers 800,000 possible password combinations with supervisor and user password levels; four programmable one-touch application launch buttons for Internet, email, and two additional software applications. Trusted Platform Module (TPM), TCG 1.2-compliant Computrace BIOS Persistence Module[6]	
Battery[7]	Standard Main Battery: Lithium ion (6 cells, 10.8V, 5200 mAh, 56.1 WHr); High-Capacity Main Battery: Lithium ion (8 cells, 14.4V, 5200 mAh, 74.8 WHr): Modular Bay Battery: Lithium ion (6 cells, 10.8V, 3800 mAh, 41 WHr) Standard Main Battery: up to 4.25 hrs. with GMA, 2.75 hrs. with ATI; Standard Main with Modular Bay Battery: up to 6.75 hrs. with GMA, 4.75 hrs. with ATI; High-Capacity Main Battery: up to 6 hrs. with GMA, 3 hrs. with ATI; High Capacity with Modular Bay Battery: up to 8.5 hrs. with GMA, 5.5 hrs. with ATI	
AC Adapter	Auto-sensing 100-240 V AC, 80W, supplying 19V, 4.22A	
Dimensions/Weight	14.2" x 10.2" x 1.4"; approx. 5.9 lbs. with optical drive	
Operating Temperature	41°F to 95°F / 5°C to 35°C (ambient temperature); 20% to 85% relative humidity, non-condensing	
Non-Operating Temperature	5°F to 140°F / -15°C to 60°C, 8% to 85% relative humidity; non-condensing	
Key Accessories	For a full list of accessories, visit www.shopfujitsu.com or call 1-800-FUJITSU	
	Port Replicator	

Compliance and Service Information

Compliance	FCC Part 15B Class B and FCC Part 15C; IC ICES-003 Class B and RSS-210 UL-cUL Listed FCC Part 68; IC CS-03 CE Marking ENERGY STAR® ExpressCard™ Compliance ID EC100079
Warranty[8]	One-or three-year International Limited Warranty on select corporate configurations; 24/7 technical support; Fujitsu extended service plans available.

FUJITSU

Fujitsu Computer Systems Corporation

Enterprise Sales:
1.800.831.3183
us.fujitsu.com/computers

Consumer Sales (24/7)**:**
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www.shopfujitsu.com

1) Preinstalled with a free 90-day trial version of Symantec Norton Internet Security 2006. The 90-day trial version is activated upon user's acceptance of software license agreement. After 90 days, the user must purchase a subscription from Symantec to download latest virus definitions.
2) 256 MB HyperMemory™ is a total of 128 MB dedicated video and 128 MB shared system memory.
3) Accessible capacity may be less due to formatting, applications, and backup utilities.
4) The internal modems on all Fujitsu notebooks from Fujitsu Computer Systems Corporation are only qualified for use with telephone systems in selected countries, including the United States and Canada. For a list of certified countries, please check http://www.computers.us.fujitsu.com/modems.
5) Actual speeds over U.S. telephone lines vary, and are less than 56 Kbps due to the current FCC regulations and line conditions.
6) Requires Computrace or LoJack for Laptops service.
7) Battery life estimates reflect the results of BAPCo MobileMark2002 Productivity Workloads performed upon systems with battery life setting enabled. Actual battery life will vary based on screen brightness, applications used, features selected, power management settings, battery conditioning, and other customer preferences. DVD/CD-RW, DVD Writer, LAN, wireless LAN or hard drive usage may also have a significant impact on battery life.
8) Service and warranty turnaround time may vary by country and product. International warranty valid only for products purchased in North, Central, and South America.

*Not all Windows Vista™ features are available for use on all Windows Vista Capable PCs. All Windows Vista Capable PCs will run the core experiences of Windows Vista, such as innovations in organizing and finding information, security, and reliability. Some features available in premium editions of Windows Vista—like the new Windows® Aero™ user interface—require advanced or additional hardware. Check www.windowsvista.com/getready for details.

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Designed for Windows® XP
Windows Vista™ Capable

intel Centrino Duo

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