

LifeBook E8210

- 15.4-inch wide top-of-the-line performance Intel® Centrino® Duo LifeBook at approximately 2.4kg*
- Superior data protection with dedicated Smartcard⁵ slot, 2-password Hard Disk Lock⁶ and Fingerprint Recognition Technology
- Superb 2D/3D graphics performance with ATI Mobility™ Radeon X1400 256MB HyperMemory™
- Hassle-free VoIP communications using built-in microphone
- Health and environment friendliness with RoHS compliance⁸
- Windows Vista™ Capable¹⁵

* with weight saver option



Recommended Configurations		
Platform	Intel® Centrino® Duo Mobile Technology - Intel® Core™2 Duo Processor T7400 ¹⁷ with Intel® 64 Architecture - Intel® PRO/Wireless 3945ABG/3945BG network connection - Intel® 945PM Express Chipset	Intel® Centrino® Duo Mobile Technology - Intel® Core™2 Duo Processor T5600 ¹⁷ with Intel® 64 Architecture - Intel® PRO/Wireless 3945ABG/3945BG network connection - Intel® 945PM Express Chipset
OS Supported	Genuine Windows® XP Professional (or Genuine Windows® XP Home Edition)	
Display	15.4-inch WSXGA + TFT, 1680 x 1050 pixels	15.4-inch SuperFine WXGA TFT, 1280 x 800 pixels
Modular Bay Device	Dual Layer DVD Super Multi Writer ⁷	Dual Layer DVD Super Multi Writer// DVD/ CD-RW Combo Drive
Memory	1024MB DDR2 667MHz	512MB DDR2 667MHz
Hard Disk	120GB	80GB
Bluetooth®	v2.0 + EDR (Enhanced Data Rate)	v2.0 + EDR (Enhanced Data Rate)
Battery	Up to 3.1hrs ¹ (8-cell Li-Ion 5200mAh)	Up to 3.5hrs ¹ (8-cell Li-Ion 5200mAh)
Weight	Approx. 2.5kg (w/ weight saver option)	Approx. 2.4kg (w/ weight saver option)
Specifications		
Max. Memory Supported ¹⁴	4GB DDR2 667MHz, Dual Channel	
Hard Disk Drive	SATA-150 5400rpm, S.M.A.R.T. support, Two Partitions – 50/50 ¹³ , protected by Fujitsu 3D Shock Sensor ¹⁶	
Graphics	ATI Mobility™ Radeon X1400 with 256MB HyperMemory™ ⁹ , PCI Express x16	
High Definition (HD) Audio	RealTek ALC262 HD audio codec with dual built-in stereo speakers HD Audio-in: External Mic-in, Line-in, Dual Built-in Microphones HD Audio-out: Headphone-out, Line-out, SPDIF	
Communication	Bluetooth® v2.0 + EDR, 56K V.92 ² , Infrared IrDA 1.1 4Mbps ³ , Global Modem MDC1.5, 1000/100/10Mbps ⁴ Gigabit Ethernet PCI Express x 1 and Intel® PRO/Wireless 3945ABG/ 3945BG network connection with dual antenna. Separate ON/OFF switch for wireless network connection.	
User Interface	Spill-resistant keyboard ¹¹ : 84-key, 19mm key pitch, 3mm key stroke, Quickpoint Intelligent Touch Pad with configurable vertical and horizontal scroll functions Fingerprint Sensor with vertical scroll functions	
Card Slots	PC Card Type II, ExpressCard™/ 34/ 54, Smartcard ⁵ , Secured Digital/ Memory Stick®/ Memory Stick® PRO	
Connector Interface	USB 2.0 x 4, VGA (external display), RJ45 (LAN), RJ11 (modem), IEEE1394, S-Video out, HDA-in, HDA-out, Serial, Parallel, Power Adapter DC-in, Port Replicator Interface	
Quick Launch Panel Security ⁶	Four Programmable Application Launch Buttons (Internet, Email and two other softwares) BIOS Lock, 2-password Hard Disk Lock, LifeBook Lock, Anti-theft Lock Slot, Smartcard ⁵ Slot, Fingerprint Sensor, Trusted Platform Module (TPM v1.2) option	
Dimensions	360mm (W) x 259mm (D) x 35.5mm (H)	
Bundled Accessories		
AC Adapter	Input AC 100–240V, Output DC 19V 80W	
Bundled Software	Softex Omnipass, CyberLink PowerDVD™, CyberLink PowerProducer™, Roxio Easy Media Creator, Sonix DLA, Adobe Acrobat Reader 6.0, Fujitsu UpdateNavi ¹² , Fujitsu Hardware Diagnostic Tool, Fujitsu Display Manager, Fujitsu Power Saving Utility, Fujitsu 3D Shock Sensor Utility, Sun Microsystems Java Runtime	
Software on CD	1 year Full Licensed Norman Virus Control with Sandbox Technology and Norman Personal Firewall, Acronis True Image 8.0 Personal Edition	
Optional Accessories		
Port Replicator	Connector Interface: USB 2.0 x 4, Headphone-out, Microphone-in, DVI-D, VGA (external display), RJ45 (LAN), PS/2 (keyboard/mouse), Serial, Parallel, Power Adapter DC-in	
Modular Bay Options	Replaceable with: - Bay Battery, 6-cell Li-Ion 3800mAh, up to 6.0hrs ¹ battery life (Standard + Bay Batteries) - Dual Layer DVD Super Multi Writer ⁷ - 2nd SATA HDD Fitting Kit ¹⁰ - DVD/CD-RW Combo Drive - Weight Saver	
Floppy Disk Drive	External USB 1.44MB FDD	
Mouse	USB Optical Scroll Mouse	

The above information shows the general technical specifications of the product and does not represent actual configuration. For specific configurations and their availability, please check with your local distributors.

- Results obtained from BAPCO MobileMark2005 (Productivity Workload) performed on systems with maximum battery life settings. Actual battery life will vary based on screen brightness, sound volume settings, running applications, connected peripherals, power management settings, battery conditioning, and other customer preferences. Modular bay device or hard drive usage may also have a significant impact on battery life. NOTE: Up to 6.0hrs battery life is based on Intel® Core™2 Duo Processor T5600 with standard battery and bay battery.
- Maximum 56Kbps performance varies according to your local service providers' services as well as line condition. V.92 performance is dependent on local service providers' services.
- This term does not represent actual data rate of 4Mbps and simply indicates compliance with V.92 standard specification 1.1. Actual maximum data rate depends on local configurations and connected devices.
- This term does not represent actual data rate of 1000/100/10Mbps and simply indicates compliance with IEEE 802.3, IEEE 802.3u and IEEE 802.3ab standards. Actual maximum data rate depends on network configurations, cable conditions as well as connected devices.
- Fujitsu does not provide the application for Smartcard solution.
- BIOS Lock needs a supervisor/user password to access BIOS setup. BIOS settings can be configured to prompt for password at every first bootup or all bootup sequences. Access to BIOS setup is needed to configure Hard Disk Lock. Hard Disk Lock requires an access key to retrieve data on the hard disk. This is a Data Confidentiality security feature. LifeBook Lock requires a supervisor/user password to bootup the LifeBook when it powers up or resumes last session from suspend/hibernate mode. This is an anti-theft feature with more than 800,000 password combinations using the buttons on the Quick Launch Panel. Anti-theft Lock Slot allows the use of a lock to physically secure the LifeBook. Smartcard slot usage is dependent on customer's solution. Fingerprint sensor uses AuthenTec TruePrint™ Technology and Softex Omnipass to remember customer list of user IDs and passwords. Full security unlock sequence - LifeBook Lock, Bootup Lock (BIOS Lock), Hard Disk Lock, Fingerprint Windows Logon. NOTE: Loss of password requires the LifeBook to be returned to Japan factory for system refresh. Cost of shipment and lost data will be borne by the customer. Backup your user's profile before changing HDD. Without the user's profile associated with a document at the point of encryption, Softex Omnipass cannot decrypt the encrypted document. 2 passwords refers to Master Password and User Password of the HDD Lock. The Master Password can be used to clear the User Password at the BIOS settings under Hard Disk Security. If HDD Lock prompt is enabled, only the User Password can be used to boot up the system. Loss of these 2 passwords means the HDD content cannot be retrieved. It is the customer's responsibility to ensure the safe keeping of these 2 passwords for retrieval of data from the locked HDD.
- Supports DVD multi formats such as DVD-RAM, DL DVD-R, DVD+RW, DVD+R, CD-RW, DVD-ROM, CD-R and CD-ROM.
- RoHS (Restriction on Hazardous Substances) compliance means the system and its internal components comply with the EU RoHS directive (2002/95/EC) on the restricted use of six hazardous substances in the production of the system and its internal components.
- 256MB HyperMemory™ refers to a total of 128MB dedicated video memory and 128MB shared system memory. The memory size available to the Operating System will be less than the total size of the installed memory modules.
- Only the HDD Housing Kit and screws are provided. HDD is to be purchased separately.
- Spill-resistant keyboard does not imply that the system is water-proof. If liquid is spilled onto keyboard, power off the system immediately and turn the notebook upside down to drain off the liquid.
- UpdateNavi is a Fujitsu Proprietary application that updates LifeBook drivers by connecting automatically to Fujitsu's server. This will help update your LifeBook with the latest software drivers and utilities to ensure compatibility between hardware and software, maintaining smooth operation anytime, anywhere.
- This refers to Windows® XP hard disk drives C:\ and D:\. 50/50 refers to approximately 50% allocation of user accessible hard disk storage to C:\ and D:\ drives.
- 4GB DDR2 667MHz maximum memory is supported when Fujitsu recommended 2GB DDR2 667MHz memory module is made available.
- Not all Windows Vista™ features are available for use on all Windows Vista Capable PCs. All Windows Vista Capable PC 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.
- Fujitsu 3D Shock Sensor of a powered-up unit reflects hard disk read/write head to a secured zone upon detection of excessive vibrations or shocks. This greatly reduces the possibility of damage to the hard disk and its contents - example in the event of a sudden drop or impact. The sensor monitors movement from three axes and its sensitivity can be adjusted by user to accommodate different working environments using the Fujitsu 3D Shock Sensor Utility.
- Please check actual bundling with country local distributor. T7400 refers to 2.16GHz, 4MB L2 cache, 667MHz FSB; T5600 refers to (1.83GHz, 2MB L2 cache, 667MHz FSB)

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It is natural for all thin-film transistor (TFT) liquid crystal displays (LCD) to show a small number of missing or discolored dots. These are commonly known as non-conforming pixels. This is a technology limitation of TFT LCD and does not represent a defect. Fujitsu warranty does not cover limitations in technology such as non-conforming pixels.

Specifications reflected above are engineering and hardware specifications. They do not represent actual usage or operating dimensions, sizes, performances and weights as these are dependent on factors such as operating temperature, type of operating system and application used, connected devices and accessories as well as hardware configurations of the notebook. Please check the compatibility of 3rd party accessories before purchase. Ambient temperature: 5° to 35°C / 41 to 95°F (operating), -15° to 60°C / 5 to 140°F (non-operating). Relative humidity: 20% to 85% RH (operating), 8% to 85% RH (non-operating). Please note that, GB-billion bytes.



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