

LifeBook E8110

- 15-inch Intel® Centrino® Duo LifeBook at about 2.2kg*
- Superior data protection with dedicated Smartcard⁵ slot, 2-password Hard Disk Lock⁶ and Fingerprint Recognition Technology
- Superior hardware protection using LifeBook Link with more than 800,000 password combinations
- 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 T5600 (1.83GHz, 2MB L2 cache, 667MHz FSB) with Intel® 64 Architecture - Intel® PRO/Wireless 3945ABG/3945BG network connection - Intel® 945GM Express Chipset
OS Supported	Genuine Windows® XP Professional (or Genuine Windows® XP Home Edition)
Display	15-inch SuperFine XGA/ XGA TFT, 1024 x 768 pixels
Modular Bay Device	Dual Layer Super Multi Writer ⁷ / DVD/ CD-RW Combo
Memory	512MB DDR2 667MHz
Hard Disk	80GB
Battery	Up to 5.5hrs ¹ (6-cell Li-Ion 5200mAh)
Bluetooth®	v2.0 + EDR (Enhanced Data Rate)
Weight	Approx. 2.2kg (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	Integrated Intel® Graphics Media Accelerator 950 with DVMT ⁹ 3.0 delivers low-power, high-performance 2D/3D graphics, video and display capabilities at a maximum shared memory of 224MB
High Definition (HD) Audio	RealTek ALC262 HD audio codec with dual built-in stereo speakers HD Audio-in: External Mic-in, Line-in, Built-in Microphone 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 ¹² : 84-key, 19mm key pitch, 3mm key stroke, Quickpoint option Intelligent Touch Pad with scroll buttons Fingerprint Sensor with vertical scroll functions
Card Slot	PC Card Type II, ExpressCard™/ 34/ 54, Secured Digital/ Memory Stick®/ Memory Stick® PRO, Smartcard ⁵
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	Four Programmable Application Launch Buttons (Internet, Email and two other softwares)
Security ⁶	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	326mm (W) x 269mm (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 ¹¹ , 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 9.0 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 8.2hrs 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 BAPOC 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.
- Maximum 50Kbps performance varies according to your local service providers' services as well as line condition. V32 performance is dependent on local service providers' services.
- This term does not represent actual data rate of 4Mbps and simply indicates compliance with ISDN standard specification 1.1. Actual maximum data rate depends on local configurations and connected devices.
- 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 Login.
NOTE: Loss of password requires the LifeBook to be returned to factory 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 detect 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 unit. 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
- Dynamic Video Memory Technology (DVMT) dynamically responds to application requirement and efficiently allocates the proper amount of memory (max. 224MB) for optimal graphics and system performance. The memory size available to the Operating System will be less than the size of installed memory module.
- Only the HDD Housing Kit and screws are provided. HDD is to be purchased separately.
- 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.
- 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.
- 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 3GB 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 retracts 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.

*PCI Express™ and the PCI Express design marks are registered trademarks and/or service marks of PCI-SIG.

Dolby and the double-D symbol are registered trademarks of Dolby Laboratories.

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.

AUSTRALIA & NEW ZEALAND:
Fujitsu PC Australia
Toll Free: 1800 288 283
Tel : (61-2) 8877 9500
Fax : (61-2) 9889 3360
www.lifebook.com.au

CHINA:
Fujitsu PC China Division
Tel : (86-21) 3310 0808
Fax : (86-21) 3310 0606
cn.fujitsu.com/pc

HONG KONG:
Fujitsu PC Asia Pacific Ltd
Tel : (852) 3101 8133
Fax : (852) 3101 0633

INDIA:
Fujitsu India Limited
Tel : (91-11) 2370 6070
Fax : (91-11) 2370 6079

INDONESIA:
Fujitsu Indonesia
Tel : (62-21) 570 9330
Fax : (62-21) 573 5150

MALAYSIA:
Fujitsu PC Asia Pacific Pte Ltd
Tel : (60-3) 2093 3997
Fax : (60-3) 2093 4245

PHILIPPINES:
Fujitsu Philippines Inc.
Tel : (63-2) 812 4001
Fax : (63-2) 817 7576

SINGAPORE:
Fujitsu PC Asia Pacific Pte Ltd
Tel : (65) 6776 0688
Fax : (65) 6776 0788

TAIWAN:
Fujitsu Taiwan Ltd
Tel : (886-2) 2311 2255
Fax : (886-2) 2311 2277

THAILAND:
Fujitsu Systems Business (Thailand) Ltd PC Division
Tel : (66-2) 263 7888
Fax : (66-2) 263 7880

VIETNAM:
Fujitsu Vietnam Ltd
Tel : (84-4) 831 3895
Fax : (84-4) 831 3898

Note: For countries not listed above, please contact our Singapore office.



www.pc-ap.fujitsu.com

All rights to the mentioned trademarks reside with their respective owners. Fujitsu endeavours to ensure that the information in this documentation is correct and fairly stated, but does not accept liability for any errors or omissions. The development of Fujitsu products and services is continuous and published information may not be up to date. It is important to check the current position with Fujitsu. The document is not part of the contract or licence save in so far as may be expressly agreed.

Dealer: