# FUJITSU

## Fujitsu recommends Windows Vista® Business.

# LifeBook S6410

- 13.3-inch wide Intel® Centrino® Duo LifeBook with professional mobility at approximately 1.6kg*
- Instant converged communications using built-in 1.3 Mega Pixels camera and dual built-in stereo microphones
- High brightness SuperFine back-light LED 300nits for perfect pictures and movie viewing
- Superior security features for enhanced data and hardware protection
- Health and environment friendliness with RoHS compliance[10]
- Designed for Genuine Windows Vista® operating system

*with weight saver option*

| Specifications | |
|---|---|
| Platform | Intel® Centrino® Duo processor technology<br>- Intel® Core™2 Duo Processor T7500[5] (2.20GHz, 4MB cache, 800MHz)<br>- Intel® GM965 Express Chipset<br>- Intel® PRO/Wireless 4965AGN/3945BG wireless connection |
| Operating System | Genuine Windows Vista® Business<br>(or Genuine Windows Vista® Home Premium)<br>(or Genuine Windows Vista® Home Basic) |
| Display | 13.3-inch SuperFine WXGA back-light LED 300nits, 1280 x 800 pixels |
| Modular Bay Device | Dual Layer Super Multi Writer[9]/ DVD/CD-RW Combo Drive |
| Memory | 1GB DDR2 667MHz<br>Max. Memory Supported[14] - 4GB DDR2 667MHz, Dual Channel |
| Hard Disk | 160GB |
| Battery | Up to 3hrs[1] (6-cell Li-Ion 5200mAh) |
| Weight | Approx. 1.6kg (w/ weight saver option) |
| **Detailed Specifications** | |
| Hard Disk Drive | SATA-150 5400rpm, S.M.A.R.T support, Two Partitions - 50/50[13], protected by Fujitsu 3D Shock Sensor[15] |
| Graphics | Integrated Intel® Graphics Media Accelerator X3100 with Intel® Clear Video Technology[11] and DVMT[6] 4.0 delivers low-power, high-performance 2D/3D graphics with Shader Model 3.0, video and display capabilities at a max. shared memory of 384MB |
| High Definition (HD) Audio | RealTek ALC262 HD audio codec with dual built-in stereo speakers<br>HD Audio-in: External Mic-in, Dual Built-in Stereo Microphones<br>HD Audio-out: Headphone-out |
| 3.5G[18] | Embedded 3.5G (HSDPA) WWAN connectivity with dual antenna. Up to 3.6Mbps[17] downlink<br>- Supports tri-band UMTS (HSDPA): 850, 1900, and 2100MHz<br>- Supports quadband EDGE/GPRS/GSM: 850/900/1800/1900MHz |
| Communication | 1.3 Mega Pixels CMOS camera, 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 4965AGN/3945BG wireless connection with three antenna.  Separate ON/OFF switch for wireless network connection |
| User Interface | Spill-resistant keyboard[12]: 84-key, 19mm key pitch, 2.7mm key stroke<br>Intelligent Touch Pad with configurable vertical and horizontal scroll functions<br>Fingerprint Sensor with vertical scroll functions |
| Card Slots | PC Card Type II, Smartcard[7] support, Secured Digital/ Memory Stick®/ Memory Stick® PRO/ xD |
| Connector Interface | USB 2.0 x 3, VGA (external display), RJ45 (LAN), RJ11 (modem), IEEE1394, mini S-Video out, HD Audio-in, HD Audio-out, Power Adapter DC-in, Port Replicator Interface |
| Quick Launch Panel | Four Programmable Application Launch Buttons (Internet, Email, Support and one other software) |
| Media Playback Panel | Four Functions: Stop/ Eject, Play/ Pause, Next, Previous |
| Security[8] | BIOS Lock, Hard Disk Lock, Anti-theft Lock Slot, Smartcard[7] support, Fingerprint Sensor |
| Dimensions | 314mm (W) x 234mm (D) x 22.4/ 31.5mm (H) |
| **Bundled Accesories** | |
| AC Adapter | Input AC 100~240V, Output DC 19V 80W |
| Bundled Software | Softex Omnipass, CyberLink PowerDVD™, CyberLink PowerProducer™,  Roxio Easy Media Creator, Adobe Acrobat Reader, Fujitsu UpdateNavi[16], Fujitsu 3D Shock Sensor Utility, Fujitsu Power Saving Utility, Fujitsu Hardware Diagnostic Tool, Fujitsu Display Manager, Sun Microsystems Java Runtime, Camera Capture Application[17] |
| Software on CD | 1 year Full Licensed Norman Virus Control with Sandbox Technology and Norman Personal Firewall, Acronis True Image |
| **Optional Accessories** | |
| Port Replicator | Connector Interface:<br>USB 2.0 x 4, DVI-D, VGA (external display), RJ45 (LAN), PS/2 (keyboard/mouse), Serial, Parallel, Power Adapter DC-in |
| Modular Bay Options | Replaceable with<br>- Bay Battery, 6-cell Li-Ion 2300mAh, up to 4.5hrs[1] battery life<br>  (Standard + Bay Batteries)<br>- Dual Layer DVD Super Multi Writer[9]<br>- DVD/CD-RW Combo Drive<br>- Weight Saver |
| Mini S-Video Cable | Converts mini S-Video out port to standard S-Video out port. Use a S-Video cable for connection to a TV |
| 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 that would be sold in your region. For specific configurations and their availability, please check with your local distributors.

1. 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. Built-in bay device or hard drive usage may also have a significant impact on battery life. Note: Battery life is based on Intel® Core™2 Duo Processor T7700.
2. 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.
3. This term does not represent actual data rate of 4Mbps and simply indicates compliance with IrDA standard specification 1.1. Actual maximum data rate depends on local configurations and connected devices.
4. 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.
5. Please check actual bundling with country local distributor. T7500 refers to (2.20GHz, 4MB L2 cache, 800MHz FSB), T7300 (2GHz, 4MB L2 cache, 800MHz FSB).
6. Dynamic Video Memory Technology (DVMT) dynamically responds to application requirement and efficiently allocates the proper amount of memory (max. 384MB) for optimal graphics and system performance. The memory size available to the Operating System will be less than the size of installed memory module.
7. Fujitsu does not provide the application for Smartcard solution.
8. 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. 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.
9. Supports DVD multi formats such as DVD-RAM, DL DVD+R, DVD+RW, DVD±R, CD-RW, DVD-ROM, CD-R and CD-ROM.
10. 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 manufacture of the system and its internal components.
11. Intel® Clear Video Technology is a combination of video processing hardware and software technologies that delivers enhanced high-definition video playback, sharper images, precise colour control and advanced support for a wide range of digital displays interfaces, including High-Definition Multimedia Interface (HDMI).
12. Spill-resistant keyboard does not imply the system is water-proof. If liquid is spilt onto the keyboard, power off the system immediately and turn the notebook upside down to drain off the liquid.
13. This refers to Windows Vista® hard disk drive C:\ and D:\. 50/50 refers to approximate 50% allocation of user accessible hard disk storage to C:\ and D:\ drives.
14. 4GB DDR2 667MHz maximum memory is supported when Fujitsu recommended 2GB DDR2 667MHz memory module is made available.
15. 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 content - 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.
16. 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.
17. Subject to network and SIM capabilities. Data rates refer to download or upload speed which is also dependent on network capabilities and conditions.
18. 3.5G module comes with a 1 year local carry-in warranty.

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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 80% RH (operating), 8% to 80% RH (non-operating). Please note that 1GB is equivalent to 1,073,741,824 bytes.