

LifeBook P7230

- Full-featured with integrated optical disk drive and built-in 1.3 Mega Pixels camera
- Excellent mobile computing in a compact and light form factor with long battery life
- Superior security features with RF-based fingerprint sensor and 3-axis shock sensor utility⁹
- Optimised VoIP communications using dual digital array built-in microphones
- Health and environment friendliness with RoHS compliance⁶
- Designed for Genuine Windows Vista[®] operating system

^{*Available in Black, White and Crimson}



Specifications	
Platform	Intel® Centrino® processor technology - Intel® Core™ Duo Processor U2500 (1.20GHz ULV, 2MB L2 cache, 533MHz FSB) - Intel® PRO/Wireless 3945ABG/3945BG network connection - Intel® 945GMS Express Chipset
Operating System	Genuine Windows Vista® Business (or Genuine Windows Vista® Home Premium)
Display	10.6-inch SuperFine Wide XGA TFT, 1280 x 768 pixels
Modular Bay Device	Dual Layer DVD Super Multi Writer ⁵
Memory	1GB DDR2 667MHz ¹¹ Max. Memory Supported - 2GB DDR2 667MHz ¹¹
Hard Disk	80GB
Bluetooth®	v2.0 + EDR (Enhanced Data Rate)
Battery	Up to 5.9hrs ¹² (6-cell Li-Ion, 10.8V, 5800mAh)
Weight	Approx. 1.19kg (w/ weight saver option)
Detailed Specifications	
Hard Disk Drive	PATA 4200rpm, S.M.A.R.T support, Two Partitions - 50/50 ⁸ , protected by Fujitsu 3D Shock Sensor ⁹
Graphics	Integrated Intel® Graphics Media Accelerator 950 with DVMT ⁷ 3.0 delivers low-power, high-performance 2D/3D graphics, video and display capabilities at a max. shared memory of 224MB
High Definition (HD) Audio	STAC9228 Controller Chip with dual built-in stereo speakers HD Audio-in: External Mic-in, Dual Digital Array Built-in Microphones HD Audio-out: Headphone-out
3.5G ^{13, 15}	Embedded 3.5G (HSDPA) WWAN connectivity with dual antenna. Up to 3.6Mbps ¹⁴ downlink - Supports tri-band UMTS (HSDPA): 850, 1900, and 2100MHz - Supports quadband EDGE/GPRS/GSM: 850/900/1800/1900MHz
Communication	Bluetooth® v2.0 + EDR, 56K V.92 ¹ Global Modem ¹⁰ MDC1.5, 1000/100/10Mbps ² Gigabit Ethernet PCI Express x 1 and Intel® PRO/Wireless 3945ABG/3945BG network connection. Separate ON/OFF switch for wireless network connection. Integrated Camera 1.3 Mega Pixels. Integrated 3.5G ¹³
User Interface	Keyboard: 82-key, 18mm key pitch, 2mm key stroke Intelligent Touch Pad with configurable vertical and horizontal scroll functions Fingerprint Sensor with vertical scroll functions
Card Slot	PCMCIA Type I/II, SD/MS/xD, Smartcard support ³
Connector Interface	USB 2.0 x 2, VGA (external display), RJ45 (LAN), RJ11 ¹³ (modem), IEEE1394, Audio-in, Audio-out, Power Adapter DC-in, Port Replicator Interface
Quick Launch Panel	One Programmable Application Launch Button, ECO (Power saving) button
Security ⁴	BIOS Lock, 2-password Hard Disk Lock, Anti-theft Lock Slot, Fingerprint Sensor
Dimensions	272.9mm (W) x 200.9mm (D) x 27.1-29.9mm (H)
Bundled Accessories	
AC Adapter	Input AC 100-240V, Output DC 16V 60W
Bundled Software	Softex OmniPass, CyberLink PowerDVD™, CyberLink PowerProducer™, Roxio Easy Media Creator, Adobe Acrobat Reader, Fujitsu UpdateNavi ¹⁵ , Fujitsu Hardware Diagnostic Tool, Fujitsu Display Manager
Software on CD	1 year Full Licensed Norman Virus Control with Sandbox Technology, Norman Personal Firewall and Acronis True Image
Optional Accessories	
Modular Bay Options	Replaceable with - Bay Battery, 6-cell Li-Ion 2300mAh, up to 9.0hrs ¹² battery life (Standard + Bay Batteries) - Dual Layer DVD Super Multi Writer (lightweight) ⁵ - DVD/CD-RW Combo Drive - Weight Saver
Port Replicator	Connector Interface: USB 2.0 x 3, S-Video out, Line-out, VGA (external display), RJ45 (LAN), Power Adapter DC-in
Mouse	Optical USB Black Mouse (Retractable)

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 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.

² 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.

³ Fujitsu does not provide the application for Smartcard solution.

⁴ 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. 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 - Bootup Lock (BIOS Lock), Hard Disk Lock, Fingerprint Windows Logon.

⁵ 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 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.

⁶ Supports DVD multi formats such as DVD-RAM, DL DVD+R, DVD+RW, DVD+R, CD-RW, DVD-ROM, CD-R and CD-ROM.

⁷ 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.

⁸ 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.

⁹ This refers to Windows Vista® hard disk drives C:\ and D:\. 50/50 refers to approximate 50% allocation of user accessible hard disk storage to C:/ and D:/ drives. For Windows Vista® hard disk drives, 1GB will be reserved for internal recovery usage which is not shown.

¹⁰ 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.

¹¹ 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.

¹² P7230's Front Side Bus (FSB) is 533MHz. When using the DDR2 667MHz memory module, the system will automatically step it down to 533MHz.

¹³ Results obtained from BAPCO MobileMark2005 (Productivity Workload 2002SE) 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 devices or hard drive usage may also have a significant impact on battery life. Note: Up to 5.9hrs battery life is based on Intel® Core™ Duo Processor U2500 configuration with 6-cell 5800mAh standard battery. Up to 9.0hrs battery life is based on Intel® Core™ Duo Processor U2500 configuration with 6-cell 5800mAh standard battery and 6-cell 2300mAh bay battery.

¹⁴ Please check with your local distributors on the availability of the 3.5G model. Note: For 3.5G model, modem will not be installed. They are exclusive of each other.

¹⁵ Subject to network and SIM capabilities. Data rates refer to download or upload speed which is also dependent on network capabilities and conditions.

¹⁶ 3.5G module comes with a 1 year local carry-in warranty.

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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), 6% to 85% RH (non-operating). Please note that 1GB is equivalent to 1,073,741,824 bytes.