

Fujitsu recommends Windows Vista® Business.

LifeBook
T4220

- Full-featured Intel® Core™2 Duo Tablet PC with hot-swappable modular bay device options for ultimate flexibility
- Genuine Windows Vista® Business
- Health and environment friendliness with RoHS compliance⁸
- Bi-directional hinge fitted screen for greater convenience
- Superior security features for enhanced data and hardware protection
- Optimised VoIP communications using dual digital array built-in microphones

Specification	
Platform	Intel® Centrino® Duo processor technology - Intel® Core™2 Duo T8300 (2.4GHz, 3M L2 Cache, 800MHz FSB) - Intel® PRO/Wireless 4965AGN/3945BG wireless connection - Intel® GM965 Express Chipset
Operating System	Genuine Windows Vista™ Business (or Genuine Windows™ Home Premium)
Display	12.1" XGA TFT, 1024 x 768 pixels, transmissive with active digitizer
Modular Bay Device	Dual Layer DVD Super Multi Writer ⁷
Memory	1GB DDR2 667MHz Max Memory Supported ¹³ - 4GB DDR2 667MHz, Dual Channel support
Hard Disk	160GB
Bluetooth®	v2.0 + EDR (Enhanced Data Rate)
Battery	Up to 3.7hrs ¹ (6-cell Li-Ion 5200mAh)
Weight	Approx. 1.98kg (with weight saver option)
Detailed Specifications	
Hard Disk Drive	SATA-150 5400rpm, S.M.A.R.T support, Two Partitions - 50/50 ¹² protected by Fujitsu 3D Shock Sensor ¹⁴
Graphics	Integrated Intel® Graphics Media Accelerator X3100 with Intel® Clear Video Technology ¹⁵ and DVMT ² 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 HD Audio-in: External Mic-in, Dual Built-in Stereo Microphone HD Audio-out: Headphone-out
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 and Intel® PRO/Wireless 4965AGN/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, 2.7mm key stroke Intelligent Touch Pad with configurable vertical and horizontal scroll functions Fingerprint Sensor with vertical scroll functions
Card Slots	PC Card Type II, Secured Digital / Memory Stick®
Connector Interface	USB 2.0 x 3, VGA (external display), RJ45 (LAN), RJ11 (modem), HDA-in, HDA-out, Power Adapter DC-in, Port Replicator Interface
Quick Launch Panel Security ⁶	Tablet PC buttons and 2 Programmable Application Launch Buttons BIOS Lock, 2-password Hard Disk Lock, LifeBook Lock, Anti-theft Lock Slot, Dedicated Smartcard ⁵ slot, Fingerprint Sensor, Trusted Platform Module
Dimensions	295mm (W) x 244mm (D) x 36.5-37.5mm (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, 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, Microsoft Office Professional 2007 60-day Convertible Trial ¹⁷
Other Software	1 year Full Licensed Norman Virus Control with Sandbox Technology and Norman Personal Firewall, Acronis True Image
Optional Accessories	
Port Replicator	Connector Interface: USB 2.0 x 4, Line Out, DVI-D, VGA (external display), RJ45 (LAN), Power Adapter DC-in
Modular Bay Options	Replaceable with - Bay Battery, 6-cell Li-Ion 3800mAh, up to 6.9hrs ¹ battery life (Standard + Bay Batteries) - Dual Layer DVD Super Multi Writer ⁷ - 2nd HDD Fitting Kit (w/o SATA HDD) ¹⁰ - DVD/CD-RW Combo Drive - Weight Saver
Floppy Disk Drive	External USB 1.44MB FDD
Mouse	USB Optical Black Mouse (Retractable)

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.



Windows Vista



Core 2 Duo



- Results obtained from BAPCo MobileMark 2007/Productivity Workload performed on systems with maximum battery life settings under laboratory testing environment. 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 in the real life situation. Built-in bay device or hard drive usage may also have a significant impact on battery life. Note: Up to 3.7hrs battery life and 6.9hrs battery life are based on Intel® Core™2 Duo Processor T8300 with standard 3-cell battery and standard 3-cell with 6-cell modular bay batteries respectively.
- 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 IrDA 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 configuration, 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 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.
- Spill-resistant keyboard does not imply the system is water-proof. If liquid is spilled onto the keyboard, power off the system immediately and turn the notebook upside down to drain off the liquid.
- This refers to Windows Vista® hard disk drives C:\ and D:\. 50/50 refer to approximate 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.
- 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.
- 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).
- 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.
- Microsoft Office Professional 2007 60-day Convertible Trial needs online activation to begin. 60-day starts from day of activation.

It is natural for all thin-film transistor (TFT) liquid crystal displays (LCD) to show a small number of missing or discoloured 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 1GB is equivalent to 1,073,741,824 bytes.