

# Fujitsu recommends Windows Vista® Business.

## Fujitsu LifeBook S6520



- SlimEdge Design provides an additional 12.5% display area compared to other notebooks in its size range
- Genuine Windows Vista® Business
- 14.1-inch wide with Intel Centrino® 2 processor Technology and professional mobility at approximately 1.7kg\*
- Embedded Super 3.5G wireless connectivity for high speed internet access
- Instant converged communications using built-in 1.3 Mega Pixel camera and dual built-in stereo microphones
- High brightness SuperFine back-light LED 300nits for perfect pictures and movie viewing
- Extended battery life for mobile computing by using ECO button
- Health and Environment friendliness with RoHS compliance<sup>10</sup>

\* with weight saver option only

	Specifications
Platform	Intel® Centrino® 2 processor Technology - Intel® Core™2 Duo Processor T9400 (2.53GHz, 6MB L2 cache, 1066MHz) / - Intel® Core™2 Duo Processor P8600 (2.4GHz, 3MB L2 cache, 1066MHz) - Intel® GM45 Express Chipset - Intel® WiFi Link 5300AGN (3x3) network connection
Operating System	Genuine Windows Vista® Business (or Genuine Windows Vista® Home Premium) (or Genuine Windows Vista® Home Basic)
Display	14.1-inch SuperFine WXGA back-light LED 300nits, 1280 x 800 pixels
Modular Bay Device	Dual Layer DVD Super Multi Writer <sup>8</sup>
Memory	2GB DDR3 1066MHz/ 1GB DDR3 1066MHz Max. Memory Supported <sup>14</sup> - 4GB DDR3 1066MHz, Dual Channel
Hard Disk	320GB/ 250GB/ 160GB
Battery	Up to 4.7 hrs <sup>1</sup> (6-cell Li-Ion 5800mAh)
Weight	Approx. 1.7kg (w/ weight saver option)
	<b>Detailed Specifications</b>
Hard Disk Drive	SATA-150 5400rpm, S.M.A.R.T. support, Two Partitions - 50/50 <sup>3</sup> , protected by Fujitsu 3D Shock Sensor <sup>15</sup>
Graphics	Integrated Intel® Graphics Media Accelerator 4500MHD with Intel® Clear Video Technology <sup>11</sup> and DVMT <sup>7</sup> 5.0 delivers low-power, high-performance 2D/3D graphics with Shader Model 4.0, video and display capabilities at a maximum shared memory <sup>2</sup> of 825MB/ 313MB
High Definition (HD) Audio	RealTek ALC269 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
3.5G <sup>19</sup>	Embedded 3.5G (HSPA) WWAN connectivity with dual Antenna. Up to 7.2 Mbps <sup>18</sup> downlink - Supports tri-band UMTS (HSPA): 850, 1900, and 2100 MHz - Supports quadband EDGE/GPRS/GSM: 850/900/1800/1900 MHz
Communication	1.3 Mega Pixel camera, Bluetooth v2.1+EDR, 56K V.92 <sup>2</sup> Global Modem MDC5.1, Infrared IrDA 1.1 4Mbps <sup>3</sup> , 1000/100/10Mbps <sup>4</sup> Gigabit Ethernet PCI Express <sup>9</sup> x 1 and Intel® WiFi Link 5300AGN (3x3) network connection with three antenna. Separate ON/OFF switch for wireless network connection
User Interface	Spill-resistant Keyboard <sup>12</sup> : 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, SmartCard <sup>5</sup> support, Secured Digital/ SDHC/ Memory Stick <sup>6</sup> / Memory Stick <sup>6</sup> PRO/ xD
Connector Interface	USB 2.0 x 3, VGA (external display), RJ45 (LAN), RJ11 (modem), IEEE1394, Video out, HDA-in, HDA-out, Power Adapter DC-in, Port Replicator Interface
Quick Launch Panel	Four Programmable Application Launch Buttons (Support, Mail, Internet and ECO button)
Media Playback Panel	Four Functions: Stop/Eject, Play/Pause, Next, Previous
Security <sup>8</sup>	BIOS Lock, Hard Disk Lock, Anti-theft Lock Slot, SmartCard <sup>5</sup> support, Fingerprint Sensor, Trusted Platform Module option
Dimensions	316mm (W) x 235mm (D) x 24/34mm (H)
	<b>Bundled Accessories</b>
AC Adapter	Input AC 100-240V, Output DC 19V 80W
Bundled Software	Softex Omnipass, CyberLink Power2Go <sup>13</sup> , CyberLink PowerProducer™, Roxio Easy Media Creator, Adobe Acrobat Reader, Fujitsu UpdateNav <sup>14</sup> , Fujitsu 3D Shock Sensor Utility, Fujitsu Power Saving Utility, Fujitsu Hardware Diagnostic Tool, Fujitsu Display Manager, Sun Microsystems Java Runtime, Camera Capture Application, Microsoft Office Professional 2007 60-day Convertible Trial <sup>17</sup>
Other Software	1 year Full Licensed Norman Virus Control with Sandbox Technology and Norman Personal Firewall, Acronis True Image
	<b>Optional Accessories</b>
Port Replicator	Connector Interface: 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 - Bay Battery, 6cell Li-Ion 2500mAh, up to 7hrs <sup>1</sup> battery life (Standard + Bay Batteries) - Dual Layer DVD Super Multi writer <sup>8</sup> - DVD/CD-RW Combo drive - Weight Saver
Floppy Disk Drive	External USB 1.44MB FDD
Mouse	Optical USB 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.

#### Disclosures:

1. Results obtained from BAPCA/MobileMark2007/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 option may also have a significant impact on battery life. Note: Battery life is based on Intel® Core™2 Duo Processor T9400 & P8600.
2. Maximum 58Kbps 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 I/OA 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. Maximum stored memory depends on system memory capacity and system configuration. 825MB refers to 2GB system memory capacity, 313MB refers to 1GB system memory capacity.
6. Dynamic Video Memory Technology (DVMT) dynamically responds to application requirement and efficiently allocates the proper amount of memory (max. 175MB for 4GB system memory) 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 control or password-protect 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 AuthnTec TruePrint™ Technology and Softex OmniPass to remember customer list of user IDs and passwords. Full security/unlock sequences - LifeBook Lock, Bootup Lock (BIOS Lock), Hard Disk Lock, Fingerprint Windows Login.
- 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 charging 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, 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 color 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 spilled 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 drives C: and D:, 50/50 refer 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.
14. 4GB DDR3 1066MHz maximum memory is supported when Fujitsu recommended 2GB DDR3 1066MHz memory module is made available.
15. Fujitsu 3D Shock Sensor of a powered-up unit detects hard disk read-writes 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. UpdateNav 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. Microsoft Office Professional 2007 60-day Convertible Trial needs online activation to begin. 60-day starts from day of activation.
18. Subjected to network and SIM capabilities. Data rates refer to download or upload speed which is also dependent on network capabilities and conditions.
19. 3.5G module comes with a 1 year local carry-in warranty.

<sup>9</sup>PCI Express<sup>®</sup> 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 pixels. These are 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 temperatures: 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. 1GB is equivalent to 1,073,741,824 bytes.

